

STACK American Vegetable Grower

and MARKET GROWERS JOURNAL

JULY • 1959

TOLEDO PUBLIC LIBRARY
TECHNOLOGY DEPARTMENT JUL 6 1959

Buyer's Guide

Greenhouses, Hotbeds, Cold Frames.....	Page 17
Seeds and Plants.....	Page 19
Trucks and Transportation.....	Page 22
Tractors and Tillage Equipment.....	Page 23
Planting Equipment.....	Page 27
Irrigation and Drainage.....	Page 31
Spraying and Dusting Equipment ...	Page 33
Sprays, Dusts, Fertilizers.....	Page 37
Harvesting Equipment.....	Page 52
Packing House Equipment.....	Page 55
Vegetable Processing.....	Page 58
Packages and Packaging.....	Page 59

R
H41-270
TOLEDO PUBLIC LIBRARY
325 NICHIGAN
ST
TOLEDO 2 OHIO



National Farm Safety Week
July 19-25

"Before I pay for a new truck, IT HAS TO ROLL ON FIRESTONES!"

says Joseph Penuel, Milford, Delaware. "I always specify Firestones on my new trucks—and for replacements, too. They wear far longer than any other make I've tried, and they take a lot more retreads. And I can count on good service and fast deliveries from my Firestone representative, Calvin White, of Buchanan Service in Milford."

Farmers all over the country are finding Firestone truck tires save them money! It's only natural, too, because they're built with Firestone Rubber-X, the longest wearing rubber ever used in Firestone tires! With Firestone S/F (Shock-Fortified) cord, they stand up to the hardest knocks farm tires have to take! And there's a Firestone tire for every farm truck from half-ton pickups to heavyweight haulers. If you want extra low-cost mileage for farm to market runs, buy the famous Firestone Transport tire. For positive traction in muddy feed lots, on slippery roads or in soft fields, economical Firestone All Traction or Super All Traction tires are your best buy.

See your Firestone Dealer or Store and find out how Firestone truck tires give you extra service at no extra cost! See the complete line of Firestone tractor and implement tires, too. And remember, the Firestone Free New Tractor Tire Loaner Service keeps your tractors working while your Firestone Dealer or Store retreads or repairs your old tractor tires.



Tractor
All Traction Champion



Super All Traction Truck All Traction Transport DeLuxe Champion

SAVE AND BE SURE

with Firestone tires on all your wheels!

CONVENIENT TERMS

Firestone

BETTER RUBBER FROM START TO FINISH

Copyright 1959, The Firestone Tire & Rubber Company



Telescope con
tatoes, yams, s
on long or sho



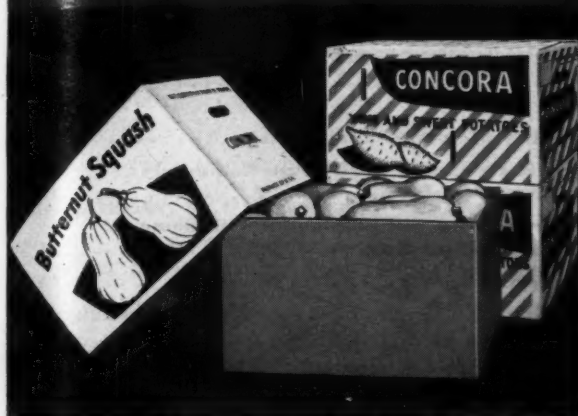
Hydro-Seal, C
wet field-pack
loads of: cabi

For
CCA C
Agricultural

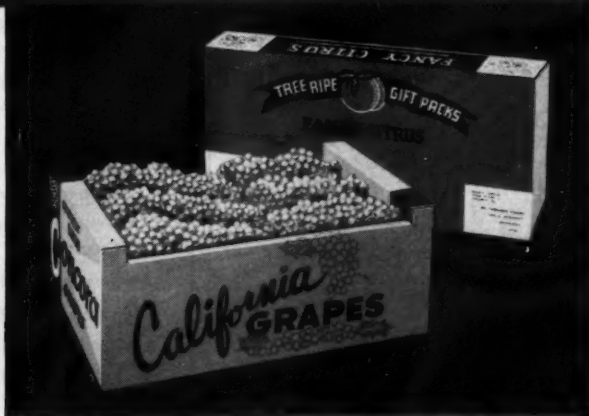
Philadelphia, Pa. •
JULY, 1959

Have you tried corrugated for this fresh produce?

Local harvest conditions, packing requirements and receiver preferences vary from region to region. These are only a few of the factors considered by Container Corporation of America in its continuous program to develop new packaging methods for all kinds of crops. . . . Here are just 8 examples:



Telescope containers are popular for carrying sweet and white potatoes, yams, sweet onions, avocados, squash, peppers, citrus, etc., on long or short hauls. Can be marked by weight or by volume.



CCA's patented double A lugs carry and display increasing quantities of tender California grapes. Specially designed gift packs help get top dollars in specialty trade for citrus, dates, apples, etc.



Hydro-Seal, CCA's amazing new water-resistant container, facilitates wet field-packing, pre-cooling and top-icing in straight or mixed loads of: cabbage, escarole, endive, romaine, corn, artichokes, etc.



Cauliflower, carrots, rhubarb, Brussels sprouts, etc., pre-packaged at source, refrigerate and display best in corrugated. Washed and waxed peppers, eggplant, etc., handle more easily, bruise less.

For swift local delivery or service, call or write—



Container Corporation of America

Agricultural Packaging Specialists / Master Containers and Consumer Packages

Philadelphia, Pa. • Fernandina Beach, Fla. • Fort Worth, Tex. • Rock Island, Ill. • Anderson, Ind. • Kalamazoo, Mich. • Oakland, Fresno, Los Angeles, Calif. • Seattle, Wash. • Portland, Ore.

JULY, 1959

3



**Our tomatoes are
grown only
for their seeds!**

says Leigh Abernethy,
Manager, Quality Control



"We know that the best crops of tomatoes or Bell peppers come from the finest, healthiest quality seed, seed developed through years of concentrated specialization under actual growing conditions. That's why we hand select only the choicest of tomatoes and peppers in our fields . . . to provide the better seed that means bigger harvest profits for you! Next time look for the bright blue SRS label . . . you'll know it's the best vegetable seed available, because it's been grown by specialists!"

CLARENCE BROWN CO.
SRS Member-Breeder of tomato and pepper seeds

SEED

**RESEARCH
SPECIALISTS, INC.**

SALES OFFICES: SRS, Modesto, Calif., U.S.A.

WRITE FOR NAME OF NEAREST SUPPLIER



American Vegetable Grower

Reg. U.S. Pat. Off.
Commercial Vegetable Grower
Market Growers Journal

VOL. 7

No. 7

JULY, 1959



FEATURES

They Profit by Growing Four Major Crops 7
By Sam Ambrosino

The Vegetable Areas of America—Alaska 8
By B. M. Kubik

Calendar of Coming Meetings and Exhibits 13

**The Newer Organic Pesticides with Some Commonly
Known Brand Names 49**

**The Newer Herbicides and Soil Fumigants with Some
Commonly Known Brand Names 51**

Buyer's Guide Index 15

Buyer's Guide 17 through 61

Greenhouses, Hotbeds, Cold Frames	17
Seeds and Plants	19
Trucks and Transportation	22
Tractors and Tillage Equipment	23
Planting Equipment	27
Irrigation and Drainage	31
Spraying and Dusting Equipment	33
Sprays, Dusts, and Fertilizers	37
Harvesting Equipment	52
Packing House Equipment	55
Vegetable Processing	58
Packages and Packaging	59

Classified Advertising 60

Index to Advertisers 62

E. G. K. MEISTER, Publisher

RICHARD T. MEISTER, Editor

Managing Editor, E. K. GOULD. Associate Editors: H. B. TUKEY, ELTON S. BANTA.
Consulting Editors: R. L. CAROLUS, M. P. RASMUSSEN, JOHN CAREW, PAUL WORK.

Art Director, GEORGE M. ROSS. Production Manager, J. S. BENDER.

EDWARD L. MEISTER, Director of Advertising

District Advertising Offices

NEW YORK: W. J. Martin and Company,
185 Madison Ave. Phone—Murray Hill
3-2865.

SAN FRANCISCO: McDonald-Thompson,
625 Market St. Phone—Yukon 6-0647.

NEW JERSEY: W. J. Martin and Company,
612 Bernita St., Rivervale (Westwood
P.O.). Phone—Parkridge 6-1595.

LOS ANGELES: McDonald-Thompson, 3727
West 6th St. Phone—Dunkirk 7-5371.

CHICAGO: Peck and Billingslea, Inc., 185 N.
Wabash. Phone—Dearborn 2-0292.

SEATTLE: McDonald-Thompson, 1008 West
Ave. Phone—Elliot 3767.

AMERICAN VEGETABLE GROWER is published monthly by American Fruit Grower Publishing Co., Willoughby, Ohio. E. G. K. Meister, Publisher and Chairman of the Board; Edward L. Meister, President; Richard T. Meister, General Manager; Gilbert Meister, Vice-President. Subscription price \$1.00 per year in U.S. and possessions; to Canada and other foreign countries \$2.00. Single current copies 25c; copies over one year old 75c.

When changing your address, please send us old as well as new; send address label from your last copy; allow 5 weeks for the first copy to reach your new address.

Entered as second-class matter at Post Office at Willoughby, Ohio, under the Act of March 1879. Additional entry at Mount Morris, Illinois.

Postmaster: Please send change of address "Form 3579" to AMERICAN VEGETABLE GROWER, Willoughby, Ohio.

WHAT POTATO GROWERS SAY

about controlling blight with

DITHANE M-22*

"... 30 barrels more per acre."

We tried DITHANE M-22 on about 10 acres of potatoes during 1958 with very satisfying results. During August, about 9 inches of rain fell, and late blight became a serious threat to Aroostook County potato crop. We feel that DITHANE M-22 passed a severe test by giving us better blight control than we had with the nabam fungicide used on the balance of the crop. In addition to the excellent disease control, we had an increase in yield amounting to 30 barrels per acre.

Alfred J. Lausier, KVL FARMS, PRESQUE ISLE, MAINE

"... exceptional control of late blight."

I used DITHANE M-22 on my entire crop of certified seed potatoes during the 1958 season and I feel that the performance of the product was outstanding. During the month of August, we had an excessive amount of rain in Aroostook County and late blight rapidly developed in the area. Despite these severe disease conditions, DITHANE M-22 prevented any late blight development in my crop. Under the circumstances, I feel that DITHANE M-22 gave me exceptional control of late blight.

Athell Banks, MARS HILL, MAINE



"... prefer working with DITHANE M-22."

DITHANE M-22 helped us grow a good clean crop of potatoes last season. Weather conditions during 1958 were very favorable for blight and it was present in the county, but DITHANE M-22 kept our vines clean until harvest. We would also prefer working with DITHANE M-22 to other materials. It is convenient to handle and mixes readily.

J. A. Jones & Son, R. D. #1, BATH, PA.



"... plan to continue using DITHANE M-22."

Since I grow, buy, and sell potatoes and also sell pesticides, I am in a good position to judge fungicides. My opinion is that DITHANE M-22 does an outstanding job of controlling blight on potatoes. I plan to continue using DITHANE M-22 and will recommend it to all my potato-growing customers.

Jack C. Nichols, MARKY'S WHOLESALE POTATOES, INC., ELBA, N. Y.

The reports are the same from all over the country—outstanding potato blight control... better yields... ease of handling and mixing... and definite plans to use DITHANE M-22 on a larger scale this season. If you haven't yet discovered the proved advantages of this improved maneb fungicide, check with your Rohm & Haas fieldman or your pesticide dealer before another day goes by. You'll like the results.

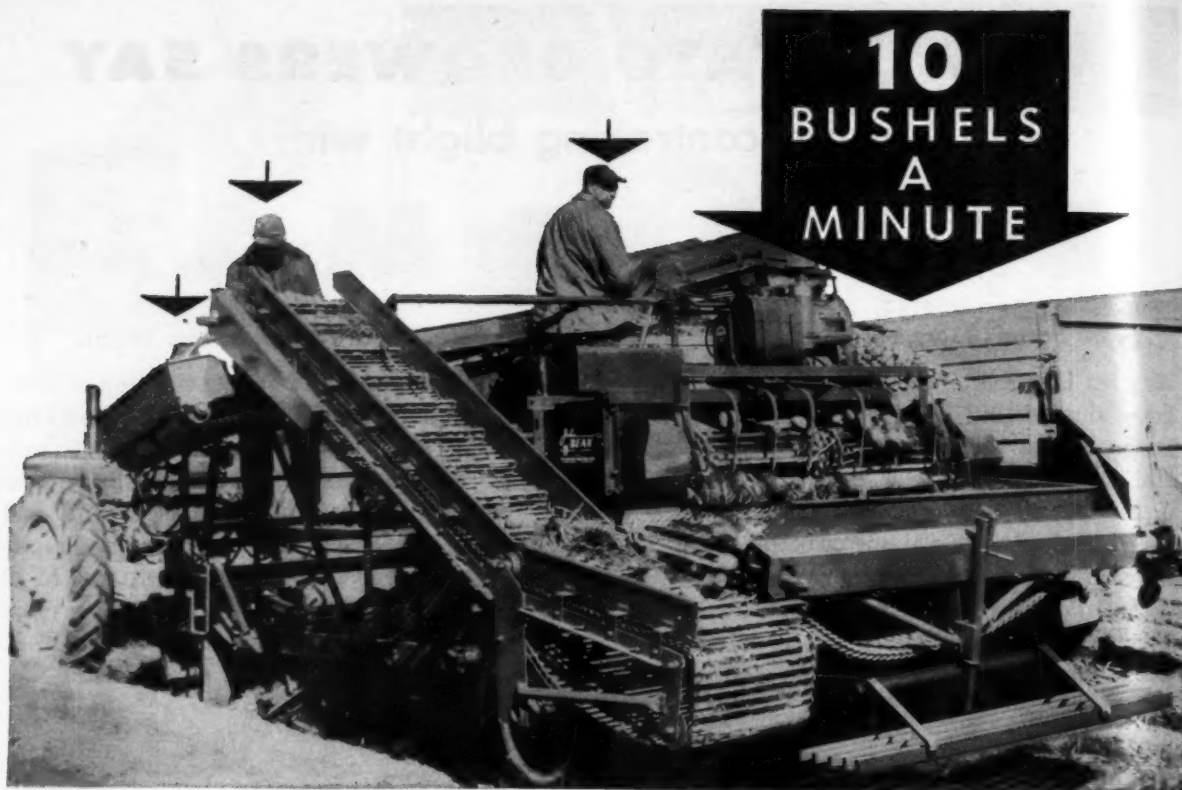
*DITHANE M-22...
now 80% maneb



Chemicals for Agriculture

**ROHM & HAAS
COMPANY**

WASHINGTON SQUARE, PHILADELPHIA 5, PA.



New model 66 *John BEAN*® Potato Harvester cuts your costs, gives you a cleaner more marketable crop

Never before a harvester that gives you such big capacity, using so small a work crew! A tractor driver and two men are all the crew necessary under good conditions to operate John Bean's new Model 66 Harvester at full capacity—up to 10 bushels per minute—faster than 25 pickers behind a 2-row digger.

And, you'll market a cleaner, more profitable crop with the John Bean Model 66 Harvester. From the ground to the bulk box, specially coated, rubber cushioned chains gently handle the potatoes, keeping them free from bruises. Mechanical separation of clods, vines, stones and trash assure you a cleaner crop with less foreign material stored with your potatoes.

Complete, hydraulic controls are conveniently located within easy reach from the tractor seat. These smooth operating controls allow the driver to raise and lower the 60" wide digger blade and bulk loader quickly and easily for faster, more complete harvesting. Highly maneuverable, the Model 66's short turning radius permits its use in fields with small head lands. Its rugged, yet lightweight, balanced construction makes for easy pulling with a wheel type tractor.

Cut your labor costs, solve manpower problems, market cleaner, more profitable potato crops "on time" for higher profits with the John Bean Model Harvester.

NEW ECONOMICAL MODEL 55 HARVESTER

Now, John Bean's power take-off driven Model 55 provides the perfect answer for efficient, low cost harvesting under lighter digging conditions. Row width is adjustable from 34 to 40 inches. Bulk loader and elevating conveyors are controlled and powered by the tractor hydraulic system.

FOR MEDIUM TO LARGE ACREAGE, the John Bean Model 30 features every labor and time-saving advantage of mechanical harvesting including, convenient controls, bulk loading and mechanical separation of clods and stones.



See your John
BEAN dealer,
write for free
catalog today!



John BEAN

LANSING 4, MICHIGAN
SAN JOSE, CALIFORNIA

Division of Food Machinery and Chemical Corporation

The F

By SA

IN 1923 when the farm cause the F agree with r acres. Now Farm, operat Anthony, and 140 acres on of Jersey B berries; 25 a Fryer, Allbig der peppers Hybrid and a plum type c of Florida type eggplant

We consid of the most i cessful veget all our own frames and the fields.

Another fa in the fact th menting with ally working Extension sp experiments ment of fer plants. We d the subsoil in

They Profit by Growing FOUR MAJOR CROPS

The Ambrosino brothers of New Jersey produce top quality peppers, eggplants, tomatoes, and strawberries; market them in nearby New York

By SAM AMBROSINO

IN 1923 when our family moved to the farm in Keyport, N.J., because the Hoboken climate didn't agree with my mother, we had 23 acres. Now Ambrosino Brothers Farm, operated by my oldest brother, Anthony, and myself, has increased to 140 acres on which we grow 20 acres of Jersey Belle and Sparkle strawberries; 25 acres of Keystone, Cuban Fryer, Allbig, Cheese and Yolo Wonder peppers; 25 acres of Moreton Hybrid and Glamour tomatoes, and a plum type called Roma; and 5 acres of Florida High Bush and Italian type eggplants.

We consider good plants to be one of the most important factors in successful vegetable growing. We grow all our own plants in cold and hot frames and then transplant them to the fields.

Another factor in our success lies in the fact that we do a lot of experimenting with each of the crops, usually working with Rutgers University Extension specialists. One of our best experiments has been the deep placement of fertilizer in growing eggplants. We drill about 18 inches into the subsoil in field rows spaced 4 feet

apart and place the fertilizer beneath the plant. The roots must go down to that fertilizer. We found that plants thus treated were more resistant to drought, more uniform in size, and 50% more productive.

After our success with eggplants, the same experiment was tried with tomatoes and peppers and we achieved similar results.



Sam Ambrosino (left) shows his Cuban peppers to Prof. Lyman G. Schermerhorn, plant breeder and retired head of Rutgers University vegetable crops department.



Photo courtesy Asgrow

Florida High Bush is one of the eggplant varieties grown by Ambrosino brothers. They market their eggplants in 32-quart bushel baskets.

Most of our ground is soil-tested before we plant so we can determine the proper types of fertilizer for the different crops. We use 5-10-10 on strawberries, peppers, and eggplants, supplying 500 pounds per acre in three applications for the berries and 800 pounds per acre with three applications for peppers and two for eggplants.

We side dress after every heavy picking, using 8-8-8 and in addition, two applications of ammonium nitrate on the peppers and eggplants. Tomatoes get 800 pounds per acre of 3-12-6 in three applications.

We have also used liquid fertilizer which we apply through our irrigation system, moving the pipes from field to field. This requires a little more work than other types of fertilizing, but it pays in the end with bigger and better crops. We use 25% more fertilizer this way, but production has gone up 50%.

We cultivate once a week using deep center cultivation at all times.

We consider a good spray program, one that you stick to, a vital part of successful farming. We use a mist turbine type sprayer manufactured by Buffalo Turbine, Buffalo,

(Continued on page 12)

THE VEGETABLE AREAS OF AMERICA

This is the nineteenth in a series on the important areas of the United States. Previous issues covered New Jersey, Florida, Eastern Virginia, Arizona, Mississippi, Louisiana, Long Island, Maine, South Carolina, Maryland, Wisconsin, California's Imperial-Coachella, Central, and Coastal valleys, the South Coast, San Francisco Bay, and Tulare Basin of California, Indiana, Georgia, and Minnesota.—Ed.

By B. M. KUBIK

WITH the passage of the Alaskan statehood bill, attention is focused sharply on the new state to the northwest. Growers in the other states are wondering what Alaska offers in the way of opportunity—and what it will offer in the way of competition. For, while the old Gold Rush days are over, there's lots of good land—some of it free for homesteading—in Alaska.

Alaska's agricultural potential has scarcely been tapped. Its 586,400 square miles of area is as big as two of Texas plus one of Indiana. There are a million or more acres of good, accessible farmland—and only 22,000 have been cleared so far. Of this, potatoes and other vegetables took up about 1400 acres in 1957. Most of the rest is in grasslands and dairy farms.

In spite of the small acreage, however, vegetable growing is big business in Alaska. The cash value of the commercial vegetable crop in 1957 was more than \$1 million—one-third of the value of commercial production for all agricultural commodities.

While Alaska produce will probably never be shipped to markets



All photos courtesy Alaska Extension Service.

Potato harvesting operation on the Robert Gamble homestead near Fairbanks. Potatoes rank as the leading vegetable crop in the new state. The 1957 commercial crop was valued at \$841,709.

in the States because of the high transportation cost, there is a ready market for everything growers can produce, if it is cheaper than shipped-in produce. To the 215,000 people of Alaska, most of whom live in cities, high-quality, Alaskan-grown produce is a wonderful thing.

Cost of Alaska-grown produce is high, but shipped-in produce is usually even higher. Alaska growers, like everyone else in the state, must battle what they call the F.C.L., or Fearful Cost of Living. Just

about everything Alaskans use must be sent from the States by ship, plane, or truck, and freight costs are very high.

A dollar in Seattle shrinks to about 81 cents in Juneau, 71 cents in Anchorage, and 65 cents in Fairbanks. Wages run about 15 to 40% higher than they do in the other states, and labor is an expensive item for Alaska's growers.

Equipment is also expensive. Popular makes of farm machinery are sold in Alaska at stateside prices



Alaskan produce is displayed prominently in Anchorage supermarket. Carrots are selling for 19 cents a bag; lettuce, 13 cents pound.



Potato grower Phil Johnson (right) watches as Bert Stimpfle, market inspector, Alaska Department of Agriculture, looks over quality potatoes in Johnson's root cellar near Fairbanks.

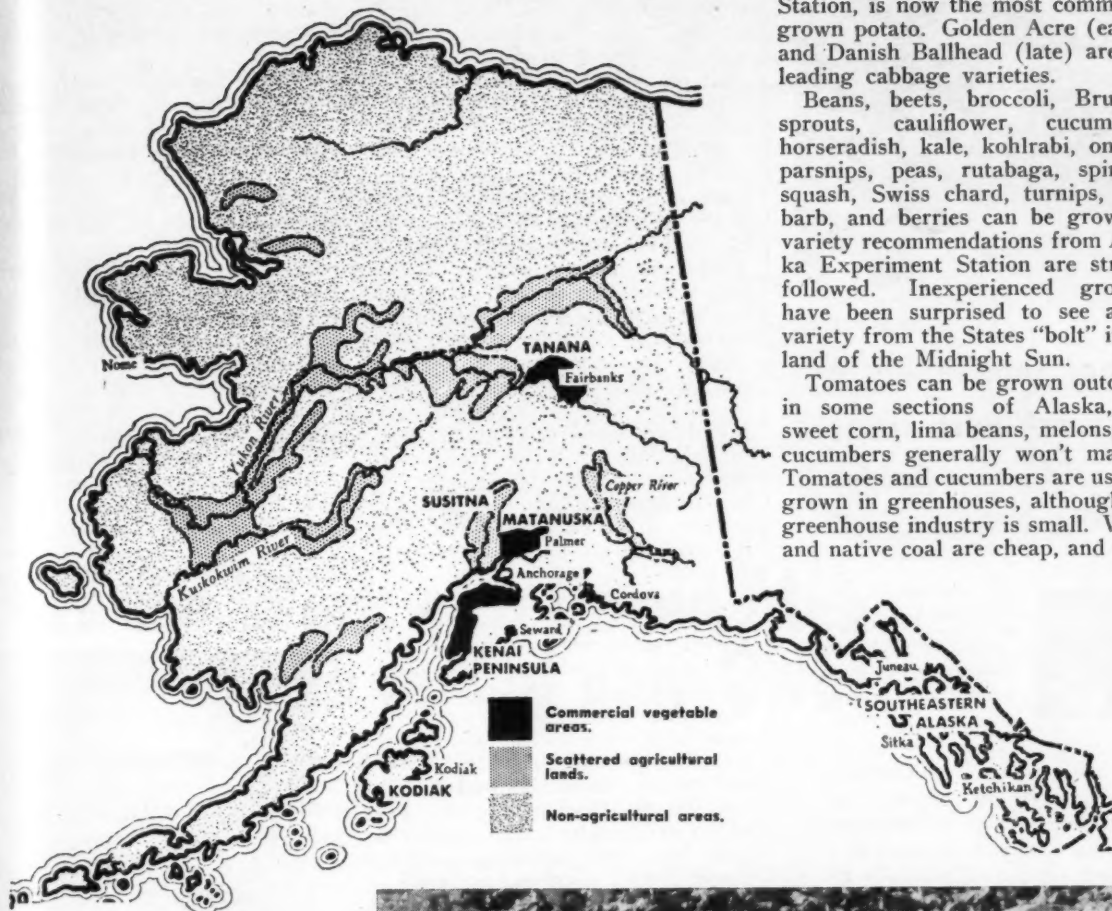
plus shipped fertilizers available, but h ammonium and most e available t

Yields Matanuska Alaska's a grown, go 7 to 12 ton got \$80 to to 15 tons tuce, and 2 acre are co

There a commercia Alaska, an of modern practices. in quality States.

nearly 24 much of ture quick and succu Haines ar eggs, mea

... ALASKA



Station, is now the most commonly grown potato. Golden Acre (early) and Danish Ballhead (late) are the leading cabbage varieties.

Beans, beets, broccoli, Brussels sprouts, cauliflower, cucumbers, horseradish, kale, kohlrabi, onions, parsnips, peas, rutabaga, spinach, squash, Swiss chard, turnips, rhubarb, and berries can be grown if variety recommendations from Alaska Experiment Station are strictly followed. Inexperienced growers have been surprised to see a pet variety from the States "bolt" in the land of the Midnight Sun.

Tomatoes can be grown outdoors in some sections of Alaska, but sweet corn, lima beans, melons, and cucumbers generally won't mature. Tomatoes and cucumbers are usually grown in greenhouses, although the greenhouse industry is small. Wood and native coal are cheap, and fliers



John Holm shows off cabbages grown on his homestead near Fairbanks. The vegetable grower also operates a nursery. Golden Acre and Danish Ballhead are leading cabbage varieties in Alaska.

plus shipping cost. Commonly-used fertilizers and pesticides are available, but high-priced. At \$7.70 cwt. ammonium nitrate is the cheapest and most efficient source of nitrogen available to Alaska growers.

Yields are good, however. In Matanuska Valley, where 67% of Alaska's agricultural products are grown, good potato growers average 7 to 12 tons of U.S. No. 1's per acre, got \$80 to \$100 a ton. Yields of 12 to 15 tons of cabbage, 7 tons of lettuce, and 7 to 9 tons of carrots per acre are common with good growers.

There are now an estimated 110 commercial vegetable growers in Alaska, and they have kept abreast of modern grading and packaging practices. Alaska produce is as high in quality as that flown in from the States. Vegetables, exposed to nearly 24 hours of sunlight during much of the growing season, mature quickly and are large, crisp, and succulent. Strawberries in the Haines area are as large as bantam eggs, meaty and sweet.

Potatoes are the number one vegetable crop. In 1957 the commercial crop was valued at \$841,709. Other commercial vegetables, valued at \$247,986, included cabbage, lettuce, carrots, celery, radishes, greenhouse crops, and miscellaneous vegetables, in that order. Variety 114, developed by Alaska Agricultural Experiment

Station, is now the most commonly grown potato. Golden Acre (early) and Danish Ballhead (late) are the leading cabbage varieties.

Outdoor vegetables are grown commercially in Tanana Valley, Matanuska Valley, and on truck farms near Anchorage. There is also



Real seed experts work with crops in the fields,

SAYS FRED ROHNERT



As president of the Waldo Rohnert Co., Fred Rohnert is no stranger to his company's fields of lettuce, beets, celery and other row crops. "Our breeders and scientists spend considerable time growing extensive field trials for new seeds and becoming familiar with your problems as a grower. And they personally select the best vegetables grown for further breeding toward the development of ever bigger and better crops! Look for the field expert's seed—SRS seed grown by vegetable seed specialists."

WALDO ROHNERT CO.

SRS Member-Breeder of row crop vegetables

SEED

**RESEARCH
SPECIALISTS, INC.**

SALES OFFICES: SRS, Modesto, Calif., U.S.A.

WRITE FOR NAME OF NEAREST SUPPLIER



some truck farming on Kenai Peninsula and in southeastern Alaska.

Much of Alaska's produce is marketed through Matanuska Valley Farmers Co-operating Association at Palmer, which has branches in Tanana Valley. Some growers sell directly to retail markets or to the military installations which contribute 40 to 50% to Alaska's population figure.

Alaska's growers must cope with unusual climate and soil conditions. Cool soils, long hours of sunlight in the summer, and cold winters are typical of Alaska.

The coastal sections of Alaska have a maritime climate. The moderating influence of the sea reduces temperature variation and creates a milder climate than that of central Alaska. The same influences bring excessive cloudiness, abundant rainfall, and cool summer days to delay the maturing of crops. Frost-free season at Juneau is the longest in Alaska—183 days—and begins around April 22. Rainfall during the growing season averages about 29 inches.

The climate of central Alaska, where most of the vegetables are grown, is typically continental, with cold winters and warm summers. Temperatures of 66° below zero, in winter—and 98° above, in summer—have been recorded in Tanana Valley. The growing season is shorter, and begins late in May and extends for 100 to 110 days or so. Long hours of sunshine make crops mature fast, but rainfall is slight—about 5 to 10 inches. Growers in Matanuska Valley are now using irrigation, and a few in Tanana Valley are using it.

Soils in Tanana Valley range from loamy sands on valley floors to silt loam on slopes. A high mica content makes erosion a problem, and contour farming is recommended for sloping land. Arable soils in Matanuska Valley overlie gravel and sands at relatively shallow depths, except near Matanuska River, where deep silt mantles are found.

Soils must be fertilized to grow satisfactory crops. The recommended practice for a new field of potatoes is 750 pounds of 8-28-16 per acre.

Severe winter winds cause considerable erosion in Matanuska Valley on land not protected by grain stubble, permanent seedings, or adjacent timber. Spring runoff often causes water erosion. Growers are advised to rotate vegetable crops with grains or grasses and to practice contour farming on slopes.

So far, Alaska has few insect and disease problems. Many pests com-

mon in other states have not yet appeared in Alaska.

Alaska Crop Improvement Association, at Palmer, has built a reputation for excellent, disease-free seed potatoes. Its seed potatoes find a ready market, not only in Alaska but on the West Coast.

For the new settler there are additional problems. Land must be cleared on a new homestead, at a cost of \$50 to \$150 an acre. A house and buildings must be built, and equipment bought. A beginning farmer, the Alaska Department of Agriculture warns prospective settlers, must have a \$20,000 equity or be prepared to develop slowly from off-farm earnings. Farm development loans are difficult to obtain, especially by newcomers. Many settlers find it best to buy a farm already partially-developed than to start from scratch on a new homestead, even if the latter is free.

Many who try farming in Alaska fail, either from lack of capital or lack of technical know-how, or both. But those who succeed are proud of the fact that they are living and farming on one of the world's few remaining frontiers. THE END.



R. M. Frederick

VGAA APPOINTS NEW SECRETARY

R. M. FREDERICK, recently appointed executive secretary of Vegetable Growers Association of America, Washington, D.C., assumed the duties of his new position on July 1.

Mr. Frederick is a native of Wadsworth, Ohio, where his father operated a fruit and vegetable farm until 1956. After a tour in the Marine Corps he was graduated from Ohio State University in 1948 with a major in horticulture, having specialized in pomology and commercial vegetables.

Mr. Frederick was, prior to his appointment, a district extension horticulturist of Purdue University, and was stationed in Vincennes. He was instrumental in organizing the Southwestern Indiana Melon Growers Association and the Vegetable Growers Marketing Co-operative of the same section of the state.

AMERICAN VEGETABLE GROWER

CASE® 210 TRACTOR-LOADER



Does the Work of a Dozen Men at the cost* of only ONE!

Case 210 tractor-loader with
pallet fork makes fast work
of loading palletized crates.

You can buy and operate this "hired hand" for the monthly wage of one man . . . yet it will do up to 12 times more work per day. The low-cost Case 210 tractor-loader combination makes short work of time-consuming lifting and loading jobs . . . thanks to its low, compact, short-coupled design that permits fast, easy maneuvering in tight quarters. With its extra muscle and ruggedness, it lifts half-ton loads to a 10½-foot height for loading and unloading trucks, stacking in plant or storage areas.

Speeds are job-matched . . . with your choice of 4 or 12-speed transmissions . . . or the new shuttle transmission that gives you 8 speeds forward, 8 corresponding reverse speeds with fast, forward-reverse shuttle shift. Equip the 210 with loader bucket, pallet fork, manure fork, dozer blade, crane boom, rear scoop or blade . . . and rear-mounted 3-point hitch or backhoe if you wish . . . for materials handling applications unlimited!

* As shown—ONLY \$92 A MONTH . . .

Installment payment after average down payment or trade-in, f.o.b. factory—plus freight, taxes, installation. Price subject to change without notice.

LOWEST PRICED TRACTOR-LOADER IN THE INDUSTRY

Ask your Case dealer for a demonstration of this money-saving tractor-loader combination. Get the facts, too, on the Case Crop-Way Purchase Plan that lets you buy now . . . make later payments as you have money coming in.



Case 310 fork lift has brawny 2-ton lift capacity with standard 48-inch fork. Power steering, shuttle shift. Tractor also available with dozer blade, one-half cu. yd. loader bucket, crane boom, and as loader-backhoe combination.

CLIP and MAIL for full details

Yes, I'd like to know more about Case 210 or 310 tractor-loaders. Mail to: J. I. Case Co., Dept. G-219, Racine, Wis.

☐ 210 Tractor-Loader ☐ 310 Fork Lift

Name _____ Student ☐

Address _____



J. I. CASE

J. I. CASE CO. • RACINE, WIS.

1st in Quality for Over 100 Years



**In 48 years you
can learn a lot
about cabbage!**



"And here at Racine, we're actively carrying on a specialized program to produce even more and better varieties of yellows resistant cabbage," says Dave Walker, veteran of a lifetime in the cabbage industry.

"The cabbage seed you buy under the bright blue SRS label is the finest on the market. It's the product of nearly half a century of patient experimentation and intensive field trials. And along with all the other SRS vegetable seed research programs, we plan to keep right on working toward the best possible seed for your bigger and better cabbage crops!"

WISCONSIN CABBAGE SEED CO.
SRS Member-Breeder of yellows resistant cabbage

SEED

**RESEARCH
SPECIALISTS, INC.**

SALES OFFICES: SRS, Modesto, Calif., U.S.A.

WRITE FOR NAME OF NEAREST SUPPLIER



FOUR MAJOR CROPS

(Continued from page 7)

N. Y., and apply the first spray about four weeks after setting the plant in the field. After this initial spraying, we repeat as it becomes necessary.

We have a portable irrigation system which is quite adequate for our total operation. And we are never bothered with a water shortage because we have our own source of supply right on the farm, a pond which we dug ourselves. We use about one inch of water every 10 days. By spacing the rows a little farther apart, production is increased and quality is improved.

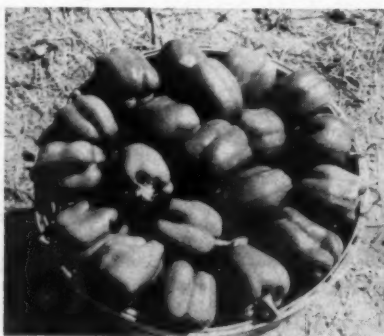
We have most of the standard Ford and International Harvester equipment—planters, drill, tractors—and all the attachments to go with them. We use an International 3-ton truck for marketing, a 1½-ton Chevrolet for going back and forth to the fields, and the extremely versatile Chevrolet pick-up for just about everything.

By concentrating on four major crops, we have been able to build up a reputable name for ourselves in the New York markets where 75% of our crops are sold wholesale. We pack and grade according to size, doing this work by hand in our own packing shed.

We have found that merchants are looking for smaller packages and better grading, so we give them what they want. We use 32-quart bushel baskets for eggplants and peppers, 12-quart Climax baskets for large tomatoes, 16-quart baskets for plum-type tomatoes, and pints in 12-pint cardboard boxes for the strawberries.

The remaining 25% of our produce is sold at our roadside stand in Keyport. This end of the business is run by the women of the family!

The labor situation is not too much of a problem for us. We have Puerto Ricans, and for the steady crew which numbers about 10, we supply completely furnished living quarters. The men do their own cooking and laundry.



Keystone peppers, ring packed for shipment.

For the extra help required during peak harvest we go to a local Puerto Rican labor camp which was established by the farmers in our district using their own capital. These workers are picked up in the morning at the camp and returned to the camp at the end of the day. There are times when we hire as many as 30 to 35 laborers a day, especially during strawberry harvest.

Management with the type of labor we use is very important. The workers seem to work best under supervision of one of their own nationality, so we select as foreman the man we judge to be best qualified to lead. He is in full charge of the men in our absence, and is timekeeper for them since they are hourly workers.

By keeping up with the latest methods of fertilizing, cultivating, irrigating, and spraying, we can get an average increase of 35% in production from our 140 acres. THE END.

25 YEARS OF SERVICE

DR. FLOYD L. WINTER, internationally recognized authority on vegetable breeding, completed 25 years of service with Associated Seed Growers, Inc., New Haven, Conn., last month.



For the past 23 years, Dr. Winter has directed the Asgrow Department of Breeding and Research. Under his personal supervision, the department has grown from three small trial grounds to eight fully staffed plant breeding experiment stations which may well be the largest organization of its kind in the world. More than 100 new vegetable varieties have been introduced through this Asgrow program. The most recent introduction of major significance has been Harvester snap beans.

In his study of seed physiology, which is a major field of Asgrow research, Dr. Winter developed new methods of harvesting and processing bean seed which substantially reduced mechanical injury to the seed and led to higher germination standards. However, the most notable contribution from this research area has been the Vigorpak process of conditioning and packaging seeds in airtight containers to retain their vigor and vitality for years longer than previously possible except under elaborate storage facilities.

Dr. Winter was named vice-president of Asgrow in 1948 and was elected to the Board of Directors at the same time.

CALENDAR MEETING

July 20-22-1 day conference, 1 day Woodbury, Univ. July 26-31-A Southern Michigan trip. V. E. K. Columbus 2, O. July 30-Orekaning County Starting time 9 July 30-Vau McCormick East Wheaton, Ill. Aug. 6-Emp Field Day, All Frederick P. H. ville, N.Y. Aug. 9-12-A 51st annual sur- nois, Urbana. Aug. 11-12-C tural Economics riculture Experi Aug. 12-16- 43rd annual me- wick, Frederick reservations: Box 230, Freder Aug. 17-21- Clemson Agric. Thos. W. Mor Agricultural Co Aug. 22-Ma Highmoor Farm Aug. 25-Sept Horticulturists, areas in Engli country tour. Ward (retired tural agent), 7 Ohio. Aug. 27-Sw ington Experi Wash. Aug. 27-30- tural Sciences sylvania inclu greenhouses, m Aug. 30-Sept- logical Sciences including Ame Science annu University, U Chairman, Pen Aug. 31-Sept- table Associat Management c Ill.-Associatio N.W., Washing Sept. 13-16- 9th annual co- Hotel, Philade Secy, South C Sept. 14-16- Association at- ing conference Association b Washington 5, Sept. 14-16- Growers and Hilton, Dallas Pres., 306 Eas Sept. 23-25- dation meetin Beach-Joffre Oct. 4-7-N Officials annu Atlanta, Ga.- College, N.M. Oct. 27-29- 72nd annual -S. John L. Homestead, F Oct. 27-29- meeting, Amb -Frank E. Blvd., Los An Nov. 12-W Co-operatives Yakima, Wash Nov. 17-19- La Salle Hot Executive Dir- ton, D.C. Nov. 19-N nual meeting, Pres., New Je Dec. 6-10- Association o ington, D. C. French Hall, bent. Dec. 7-10- America ann burne Hotels, Hays, Acting St. and Pen 6, D. C. Jan. 25-30- ton.

CALENDAR OF COMING MEETINGS AND EXHIBITS

July 20-22—10th Annual Potato Utilization conference, Idaho Falls, Idaho.—George W. Woodbury, University of Idaho, Moscow.

July 28-31—Annual Ohio Potato Grower Tour, Southern Michigan area with stop-over in Detroit. V. E. Keirne, Mgr., 3292 N. High St., Columbus 2, O.

July 30—Orchard and Field Crops Day, Mahoning County Experiment Farm, Canfield, O. Starting time 9:30 A.M. DST.

July 30—Vaughan Seed Co. Field Day, Robert McCormick Estate, U.S. Highway Alt. 30, Wheaton, Ill.

Aug. 1—Empire State Potato Club Summer Field Day, Allen Acres, Waterville, N. Y.—Frederick P. Howe, Program Chairman, Bouckville, N.Y.

Aug. 9-12—American Institute of Cooperation 31st annual summer session, University of Illinois, Urbana.—G. J. Jordan, Dept. of Agricultural Economics, University of Illinois, Urbana.

Aug. 11-12—Ohio Pesticide Institute, Ohio Agriculture Experiment Station, Wooster.

Aug. 12-16—Potato Association of America 43rd annual meeting, University of New Brunswick, Fredericton, N.B., Canada. In charge of reservations: Mrs. M. E. MacGillivray, P.O. Box 230, Fredericton, N.B.

Aug. 17-21—Annual Farm and Home Week, Clemson Agricultural College, Clemson, S.C.—Thos. W. Morgan, Gen. Chairman, Clemson Agricultural College, Clemson.

Aug. 22—Maine Vegetable Growers field day, Highmoor Farm, Monmouth, Me.

Aug. 25-Sept. 26—A European Holiday for Horticulturists, including visits to greenhouse areas in England and Holland during seven-country tour.—Under leadership of Harold S. Ward (retired Cuyahoga County, Ohio, agricultural agent), 7393 Nethersole Dr., Cleveland 30, Ohio.

Aug. 27—Sweet Corn Day, Northwest Washington Experiment Station, Mount Vernon, Wash.

Aug. 27-30—American Society for Horticultural Sciences tour through southeastern Pennsylvania including visits to vegetable farms, greenhouses, mushroom houses.

Aug. 30-Sept. 3—American Institute of Biological Sciences and member biological societies, including American Society for Horticultural Science annual meetings, Pennsylvania State University, University Park.—R. E. Larson, Chairman, Penn. State Univ., University Park.

Aug. 31-Sept. 1—United Fresh Fruit and Vegetable Association annual Merchandising and Management conference, Drake Hotel, Chicago, Ill.—Association headquarters, 777 14th Street, N.W., Washington 5, D.C.

Sept. 13-16—Produce Packaging Association 9th annual convention and exposition, Sheraton Hotel, Philadelphia, Pa.—Robert L. Carey, Exec. Sec'y, South College Ave., Newark, Del.

Sept. 14-16—United Fresh Fruit and Vegetable Association annual merchandising and marketing conference, Drake Hotel, Chicago, Ill.—Association headquarters, 777 14th St. N.W., Washington 5, D.C.

Sept. 14-16—Texas Citrus and Vegetable Growers and Shippers meeting, Hotel Statler Hilton, Dallas.—Austin E. Anson, Exec. Vice-Pres., 306 East Jackson, Harlingen.

Sept. 23-25—Florida Fruit and Vegetable Association meeting, Hotel Fontainebleau, Miami Beach.—Joffre C. David, Sec'y-Treas., Orlando.

Oct. 4-7—National Association of Marketing Officials annual convention, Asheville, N.C., and Atlanta, Ga.—Wm. A. Wunsch, Pres., State College, N.M.

Oct. 27-29—Florida State Horticultural Society 72nd annual meeting, Everglades Hotel, Miami.—S. John Lynch, Pres., 29800 Newton Rd., Homestead, Fla.

Oct. 27-29—Western Growers Association meeting, Ambassador Hotel, Los Angeles, Calif.—Frank E. Castiglione, Sec'y, 3091 Wilshire Blvd., Los Angeles 5.

Nov. 12—Washington State Council of Farmer Co-operatives annual meeting, Hotel Chinook, Yakima, Wash.

Nov. 17-19—National Potato Council meeting, La Salle Hotel, Chicago, Ill.—A. E. Mercker, Executive Director, 542 Munsey Bldg., Washington, D.C.

Nov. 19—New Jersey Marketing Institute annual meeting, Princeton.—Tunis Denise, Freehold, Pres., New Jersey Agricultural Society.

Dec. 6-10—National Junior Vegetable Growers Association convention, Roosevelt Hotel, Washington, D.C.—Grant Snyder, National Chairman, French Hall, University of Massachusetts, Amherst.

Dec. 7-10—Vegetable Growers Association of America annual convention, Dennis and Shelburne Hotels, Atlantic City, N. J.—Mrs. Mary Hays, Acting Exec. Sec'y, 525 Mills Bldg., 17th St. and Pennsylvania Ave., N.W., Washington 6, D.C.

Jan. 25-30—New Jersey Farmers Week, Trenton.

NEW VEGETABLE POWER for greater profits



Allis-Chalmers D-SERIES TRACTORS

Equipment that *does more* . . . at less cost per acre . . . has a vital place on your profit-making team. This new work ability is *tailored* for vegetable and specialty crops.

D-14 (36.65 belt hp.) and D-17 (54.43 belt hp.) Tractors are available in special high-clearance models . . . single front wheel or wide, adjustable front-axle styles. Wheel spacing to match all popular row widths. Power Director with high and low range in each gear gives you easy control of just the speeds you want.

Special vegetable cultivators provide extra clearance and your choice of ground tools for every need. The high-strength cultivator frame holds its depth and course exactly . . . heavy soils won't throw it out of line. Special hydraulic equipment gives you independent control of front and rear bars.

Of course, the D-Series Tractors offer all the other basic Allis-Chalmers advantages. TRACTION BOOSTER system works with tillage tools to transfer weight automatically to tractor drive wheels as needed for traction. Power-Shift rear wheels are spaced quickly to match each job. POWER-CRATER engine provides the economical power you need for high efficiency operation.

Allis-Chalmers D-Series Tractors and matching equipment can help you realize greater profits from your vegetable and specialty crops. See your Allis-Chalmers dealer for complete information.

ALLIS-CHALMERS, FARM EQUIPMENT DIVISION, MILWAUKEE 1, WISCONSIN

ALLIS-CHALMERS



TRACTION BOOSTER and POWER-CRATER are Allis-Chalmers trademarks.



"Our ORTHO® Fieldman's know-how helped me produce top quality crops"

"The field service that's provided us growers by ORTHO appeals to me most," says Fletcher Lett, shown above, left, inspecting a plot of young lima beans with

ORTHO Fieldman Webster Carson. Mr. Lett continues: "Our ORTHO Fieldman's know-how has helped me produce top quality vegetables and citrus."

For higher yields, better prices, protect your crops with ORTHO

This report is just one of many received from leading Florida growers who have found that ORTHO products help them grow better quality crops. And, when you buy ORTHO products, all the personal, on-your-ground technical advice and expert services of your ORTHO Fieldman are provided without any extra charge.



Helping the World Grow Better

California Spray-Chemical Corp.
A subsidiary of California Chemical Co.

ON ALL CHEMICALS READ DIRECTIONS AND CAUTIONS BEFORE USE.

Scientifically trained Fieldmen located in all of the Nation's leading vegetable growing areas.

Portland, Oregon
Sacramento, California
San Jose, California
Fresno, California

Whittier, California
Phoenix, Arizona
Salt Lake City, Utah
Maryland Heights, Missouri

Dallas, Texas
Memphis, Tennessee
Maumee, Ohio
Haddonfield, New Jersey

Columbia, South Carolina
Medina, New York
Orlando, Florida
Springfield, Massachusetts

BUY

Actidione
Adhesives
Agricultural Lim
Air Sprayers
Aldrin
Amino Triazole
Ammonium Nitr
Ammonium Nitr
Ammonium Sulf
Ammonium Sulf
Anhydrous Amm
Antibiotics
Aramite
Ales—Two Spec

Bag Closing Ma
Bag Closures—F
Bag Holders
Bag Loaders
Bagging Machin
Bags—Cloth, Op
Coated, Trans
Barrels
Baskets—Corrug
Wood
Baskets, Steel
Bean Pickers
Bearings
Benzene Hexach
Black Plastic M
Boilers
Booms
Borax
Box Dumpers
Boxes—Corrug
Boxes—Wood,
Brooms
Bulk Crates

CDAA (Randox)
CDEC (Vege
CET (Simazine)
Calcium Cyana
Canning, Preser

In ILLIN
Harry E. Sk
Kenmore A

Cots, Bur
Oil Heate
(low cost)
type), Fi
Augers, T

Sho-Off Or
105 N. E. W
Sprayers,
ers, Powe
Towers, I
and Insec

Captan
Cartons, Cons
Celery Harves
Cellulose Acet
Centrifugal Pu
Cheesecloth &
Chelated Com
Chloranil
Chlordane
Chlorobenzilate
Chloro IPC
Chloropicrin
Cleaners, Stea
Colchicine
Cold Frames
Concentrate S

JULY, 1959

BUYER'S GUIDE...

FOR THE VEGETABLE FARM

CLASSIFIED INDEX AND LIST OF NEAR-BY DEALERS

A	
Actidione	38
Adhesives	59
Agricultural Lime	42
Air Sprayers	33
Aldrin	37
Amino Triazole	47
Ammonium Nitrate	42
Ammonium Nitrate Limestone	42
Ammonium Sulfamate	47
Ammonium Sulfate	42, 45
Anhydrous Ammonia	42
Antibiotics	38
Aramite	37
Axles—Two Speed	22

B	
Bag Closing Machines	55
Bag Closures—Plastic, Tape, Wire Tie	55
Bag Holders	52
Bag Loaders	52
Bagging Machines	52, 55
Bags—Cloth, Open Mesh, Paper, Polyethylene	59
Coated, Transparent	59
Barrels	59
Baskets—Corrugated, Fiberboard, Paperboard, Wood	59
Baskets, Steel	52
Bean Pickers	52
Bearings	22
Benzene Hexachloride	37
Black Plastic Mulch	28
Boilers	17
Booms	33
Borax	44
Box Dumpers	56
Boxes—Corrugated, Fiberboard, Paperboard	59
Boxes—Wood, Wirebound	59, 61
Brooms	3
Bulk Crates	52

C	
CDAA (Radox)	47
CDEC (Vege-dex)	47
CET (Simazine)	47
Calcium Cyanamide	47
Canning, Preserving	58

In ILLINOIS, Write . . .

Harry E. Skinner Co., 1949 N.
Kenmore Ave., Chicago 14

Cots, Bunks, Mattresses, Blankets, Tents,
Oil Heaters, Nets, Fire Hose for Irrigating
(low cost), Decontaminating Sprayers (back
type), Face Shields and Masks, Hand
Augers, Tarpsaulins.

Sho-Off Orchards Products Co.,
105 N. E. Washington St., Peoria

Sprayers, Irrigation Equipment, Fruit Siz-
ers, Power Pruners, Steel Squirrels, Travel
Towers, Ladders, Picking Bags, Fungicides
and Insecticides.

Captan	38
Cartons, Consumer	61
Celery Harvesters	52
Cellulose Acetate Butyrate	18
Centrifugal Pump	32
Cheesecloth & Plant Bed Covers	17
Chelated Compounds	44
Chloranil	38
Chlordane	37
Chlorobenzilate	37
Chloro IPC	48
Chloropicrin	47
Cleaners, Steam	58
Colchicine	45
Cold Frames	17-18
Concentrate Sprayers	33

Containers	59
Conversion Units	33
Conveyors	54
Copper Compounds	38
Copper—Streptomycin Terramycin	38
Copper Sulfate	44
Corn Planters	27
Corn Planters, Hand	27
Counting Devices	54
Couplings—Pipe	31
Crates, Bulk and Field	52
Crates—Wood	59
Crawler Tractors	26
Cross Conveyors	52
Cultivator Shields	23

In KENTUCKY, Write . . .

Geo. W. Hill & Co., 25 W. Pike
St., Covington

Complete Line of Seeds and Spray Mate-
rials.

In MASSACHUSETTS, Write . . .

James H. Cookman Co., Route 9 at
Route 85, Southborough

Complete Line of Pruning and Forestry
Tools.

Cultivator Shovels	23
Cultivators	23
Cushions	56
Cyanamid	44

D	
D-D	47
DDT	37
Dalapon (Dowpon)	48
Deep Well Pumps	32
Demeton	37
Diazinon	37
Dichloro	40
Dieldrin	37
Dinitro Butyl Phenol	48
Ditchers, Furrowers, Scrapers, Levelers	31
Diuron (Karmex, DW)	48
Driers	56
Drills—Planters	27
Dust Mixers	34
Dusters—Hand, Power	34
Dusters—Spray	33
Dyrene	40

E	
EPN	37
EPTC (EPTAM)	48
Electric Plants	17
Endothal	48
Endrin	37
Engines	31
Erbon	48
Ethylene Dibromide	47
Ethion	37
Extractors	58

F	
Face Shields	34
Fenuron	48
Ferbam	40

Ferric Sulfate	44
Fertilizer Attachments	28
Fertilizer Injector, Anhydrous Ammonia	28
Fertilizer Injectors	31
Fertilizer Spreaders	34
Fertilizers	42-45
Fertilizers, Liquid	44
Field Crates	52
Frost Alarm Indicators	22
Frost Protection	22
Fumigants	47
Fungicides	38-42
Furrowers, Tractor	23

G	
Garden Cultivators—Hand Wheeled	23
Garden Tractors	26
Genite—EM-923	37
Gibberellic Acid	45
Glass Containers	58
Goggles	34
Graders & Sizers	56
Greenhouse Insurance	17-18
Greenhouses	30
Griseofulvin	45
Growth Regulators	45
Growth Retarders	45
Guns	33
Guthion	37

H	
Harrows	23
Harvesters, Beets, Carrots, Radishes	52
Harvesting Equipment	52-53
HCA	48
Heaters, Unit	17
Heating Cables	17
Hose, Irrigation—Metal, Suction	31
Hose, Reel	31
Hotbeds	17-18
Hullers	58
Hydraulic Power Sprayers	33
Hydrocoolers	56

In MICHIGAN, Write . . .

Cardinal & Ellis, Telephone 49,

Belding

Graders, Washers, Waxers, Conveyors.

E-Z-Flo Chemical Co., P.O. Box 808,
Lansing

Complete Line of Orchard Chemicals.

Michigan Orchard Supply Company, South
Haven, Phone 252

Irrigation Equipment, Lift Trucks, Spray-
ers, Guns, Ladders, Picking Bags, Tre-Hoe,
Graders, Power Pruners, Tractor Lifts,
Packaging Equipment and Frost Protection.

Shane Orchard Supplies, Corner M140 &
Territorial, Watervliet

Hardie Sprayers, Sales, Parts and Service.

I	
Ice Machines	54
Icing Equipment	57
Inoculants	19
Insecticides	37-38
Insulation	57
Insurance, Hail	52
Irrigation & Drainage	31-32
Irrigation Pumps—Centrifugal, Deep Well, Portable	32

K	
Karathane	40
Knapsack & Hand Sprayers	33

L	
Labels, Tags	61
Land Levelers	23
Lightweight Portable Mist Sprayers	33
Lindane	37
Loaders—Truck	57
Low Pressure Booms & Nozzles	33

M	
Magnesium Sulfate	44
Malathion	37-38
Maleic Hydrazide	45, 48
Maneb	40
Manganese Sulfate	44
Marking Devices	61
Masks, Spray	34
Masts	33
Methoxychlor	38
Methyl Bromide	47
Mist Sprayers	33
Mixers—Dust	34
Moisture Meters	31
Molded Pulp Containers	61
Mono-Calcium Arsenite	48
Monuron	48
Mowers, Reel-Gang	23
Mowers, Rotary Blade	23
Mowers, Rotary Hammer	23
Mowers, Tractors	23
Mulchers	24
Mytone	47

N	
N.I.X.	48
NPA (Alanap-3)	48
NXY	45
Nabam	40
Naburon	40
Nicotine	38
Nitrate of Potash	44
Nitrate of Soda	44
Nitrogen Solutions	44
Nozzles	33
Nutritional Foliar Plant Foods & Starter Solutions	45
Nutritional Trace Elements	45

O	
Onion Set Planters	28
Onion Toppers & Harvesters	52
Organo-Mercury	40
Oxev	38
Oxyquinoline Compound	47

In NEW ENGLAND, Write . . .
The Hubbard-Hall Chemical Co., Waterbury, Conn., Plaza 6-5521
 Insecticides, Fungicides, Fertilizers, Fumigants, Picking Bags, Weed Killers.

P	
Packages & Packaging	59-61
Packing House Equipment	55-57
Packing Tables	57
Pads—Stamping	61
Parathion	38
PCNB (Terraclor)	40
PCP (Pentachlorophenol)	48
Pea Harvesters & Lifters	52
Perthane	38
Phaltan	40
Pipe—Asbestos-Cement	31
Pipe—Carrier	32
Pipe—Couplings	31
Pipe—Metal	31
Pipe—Perforated	31
Pipe—Plastic	31
Pipe—Portable, Metal	31-32
Plant Growth Regulators	45
Plant Protectors	22
Planting Equipment	27-29
Plows	24
Polyester	18
Polyethylene Film	18
Portable Pumps	32
Post Hole Diggers	24
Potash Salts	45
Potato Brushers & Cleaners	53

Potato Cutters	28
Potato Diggers—Elevator, Plow	53
Potato Elevators, Conveyors, Wagon Dumps	53
Potato Graders & Sorters	53
Potato Pickers & Harvesters	53
Potato Planters	29
Potato Seed Treaters	29
Potato Sprout Inhibitor	45
Potato Washers	57
Potato Waxers	57
Power Dusters	34
Power Take-Off Sprayers	33
Prepackaging Trays	41
Pulverizers, Packers, Mulchers, Corrugated	24
Pumps	32
Pyrethrum & Derivatives	38

R	
Radish Toppers	53
Rain Gauges	32
Refrigeration Unit	22
Repellents—Bird, Deer, Rodent	29
Respirators	34
Rodenticides	29
Rotary Tillers	24
Rotenone Products	38
Rototiller, Spring Guard	24
Rubber Bands	53

In PENNSYLVANIA, Write . . .
L. W. Kleinfelter, Biglerville, Phone 280 shop or 277 residence

Friend Sprayers, Air Type or High Pressure, Sales and Service. Lobe Fruit Graders and Vegetable Washers and Waxers. The BES-BLO Sprayer Sales and Service. Lobe and Mayrath Weed Sprayers.

Tyson Orchard Service, Flora Dale
 Complete Line of Tools, Equipment and Chemicals for the Farm.

Engineering Equipment Co., 4021 N. Sixth St., Harrisburg

Complete Irrigation Equipment, Hahn Hi-Boy Spraying Equipment, Fruit & Vegetable Grading Equipment.

Wayne R. Wyant, Farm & Industrial Equipment, New Bethlehem, Phone BR 5-4945

Woods Rotary Cutters, Rose Tre-Hoe, Henderson Fork Lift, Loaders and Blades for Crawler Tractors, Pre-Fab Buildings, 20 ft. to 60 ft. clear span.

S	
Sash	17
Scales	57
Seed, Certified Potato	19
Seed Cleaners	19
Seed Drills	27
Seedless Watermelon	19
Seeds & Plants	19-22
Seeds, Coated	19
Seeds, Vegetable & Melon	19-20
SES	48
Sevin	38
Sickle Bar Tractor-Power	23
Sickle Bar, Walking	23
Silvex	48
Slicers	58
Sodium Arsenite	48
Sodium Salt of Dinitro-Ortho-Cresol	48
Soil Conditioners	45
Soil Fumigants	47
Soil Shredders	29
Soil Testers	45
Sorting & Trimming Tables	58
Spray Clothing	34
Spray Dusters	33
Sprayers	33
Spraying & Dusting Equipment	33-34
Spray Protection	34
Spray Pumps, Diaphragm	33
Spray Spreaders & Sticklers	38
Sprays, Dusts & Fertilizers	37-48
Spreaders	24
Sprinkler Heads—Revolving	32
Sprinkler Systems	32
Stake Presses	29
Stamping Inks, Pads	61
Stamps—Rubber	61
Staplers & Stitchers	57
Staples	57
Starter Solutions	45
Steam Traps	17
Sterilizing Covers	17
Stokers	17
Stone Pickers	24
Streptomycin	38
Streptomycin Nitrate	38
Streptomycin-Terramycin	38
Substituted Urea Herbicides	48
Sulfate of Ammonia	42, 45
Sulfur	42, 45

Superphosphate	45
Sweetpotato Digger	53
Swivels	31

T	
TCA	48
Tanks—Wood	58
Tape, Polyethylene	18
Temperature Controls	17
Terramycin	38
Thinners—Vegetable	28
Thiodan	38
Thiram	42
Tiller—Rake	24
Tillers	24
Tillers—Rotary Garden—Rotary Tractor P.T.O.	24
Tires, Tubes—Pneumatic	22
Tomato Defoliant	48
Tomato Hormone Spray	45
Topping Machines	38
Toxaphene	38
Traction Devices	24
Tractor Chains	24
Tractors, Crawlers	28
Tractors—Fork Lift	23
Tractors—Garden	24
Tractors—Tillage Equipment	23-24
Tractors—Underdrive	24
Tractors—Wheel	24
Transparent Film	18
Transplant Containers	29
Transplant Hormones	45
Transplanters—Cabbage, Celery, Tomato	29
Transplanters, Hand	24
Tray Packs	61
Trichlorobenzoic Acid	38
Trithion	38
Truck Accessories	27
Trucks—Hand	52
Trucks—Lift	57
Trucks—Motor	22
Trucks & Transportation	22
2,4-D & 2,4,5-T	48
Tying Machines	53

U	
Urea	45

V	
Valves, Hydrant Type	32
Vapam	47
Vegetable Graders & Sorters	53
Vegetable Plant Growers	58
Vegetable Processing	52
Vegetable and Root Washers	57
Ventilators	18
Vermiculite	18
Vinyl	18

In OHIO, Write . . .

The D. R. Van Atta Seed & Implement Co., 3210 Spring Grove Ave., Opposite Stock Yards, Cincinnati 25

Letherman's, Inc., 501 McKinley Avenue N.W., Canton 2

Complete Line of Seeds and Spray Materials

W	
Washers	57
Wax	57
Waxers	57
Weed Killers	47-48
Weed Sprayers	33
Weeders	24
Wheel Tractors	59
Wirebound Boxes & Crates	59, 61
Wood Boxes & Crates	59, 61

X	
Xanthogen Disulfide	48

Z	
Zinc Sulfate	38
Zinab	42
Ziram	42

Only \$
TROX
Plastic
Green

27" x 30" Size.
 (Wide Range
 Other Sizes
 Available.)

Write Popu
 Today price
 for ble, c
 Bulletin erecti
 so ony
 can b
 hours.

TROX M
18 ANGEL

REVO

Lifetime
Aluminu
Constru

IDEAL

In 3 practi

LOR
 Div. Burnh



GREENHOUSES HOTBEDS COLD FRAMES



**Only \$644⁰⁰ for This
TROX Prefabricated
Plastic-Covered
Greenhouse**

23' x 80' Size.
Wide Range
Other Sizes
Available.)



*Write
Today
for
Bulletin*

Popular TROX Greenhouse costs less than 1/5 price of glass house. Shipped ready to assemble, complete with everything needed for erection above foundation. Complete plans, instructions furnished. Parts plainly marked so anyone can erect. 23' x 80' TROX HOUSE can be assembled ready for use in 25 man hours. Write for literature.

TROX MANUFACTURING CO.
18 ANGELL ST., BATTLE CREEK, MICH.

BOILERS

Brownell Co., 308 N. Fendley St., Dayton, Ohio
Kewanee Boiler Co., Kewanee, Ill.
Lord & Burnham, Div. of Burnham Corp., Irvington, N. Y.
Milwaukee Boiler Mfg. Co., 1101 So. 41st St., Milwaukee, Wis.

CHEESECLOTH & PLANT BED COVERS

Chicopee Mills, 47 Worth St., N. Y. 13, N. Y.
Florist Products, 1843 Oakton, Des Plaines, Ill.

GREENHOUSE INSURANCE

Florists' & Gardeners' Insurance Assn., 309 Public Square Bldg., Cleveland 13, Ohio
Florists Mutual Insurance Co., National Bank Bldg., Edwardsville, Ill.

GREENHOUSES

Aluminum Greenhouses, Inc., 14615 Lorain Ave., Cleveland, Ohio
American-Moniger Greenhouse Mfg. Corp., 1820 Flushing Ave., Brooklyn 37, N. Y.
A. Dietsch Co., 2640 Sheffield Ave., Chicago 14, Ill.
Florist Products, 1843 Oakton, Des Plaines, Ill.
Foley Greenhouse Mfg. Co., 7711 Van Buren St., Forest Park, Ill.
Horto Corp., Salem, Massachusetts
Ickes-Braun Greenhouse Mfg. Co., 2340 Wabansia Ave., Chicago 47, Ill.
Albert J. Lauer Co., R. R. 11, St. Paul 17, Minn.
Lord & Burnham, Div. of Burnham Corp., Irvington, N. Y.
Metropolitan Greenhouse Mfg. Corp., 1873, Flushing Ave., Brooklyn 37, N. Y.

Modern Greenhouse Mfg. Co., 2511 Jackson St., N.E., Minneapolis, Minn.
National Greenhouse Co., Pana, Ill.; Naugatuck, Conn.
Placo, P.O. Box 1389, Lexington, Ky.
Rough Bros., 4229 Spring Grove, Cincinnati 23, Ohio
Trox Mfg. Co., 18 Angell St., Battle Creek, Mich.
Yoho & Hooker, 523 Williamson, Youngstown, Ohio

HEATERS, UNIT

Burley Burner Co., Inc., Lexington, Ky.
Alec Henderson, Inc., 1313 W. Randolph St., Chicago 7, Ill.
Modine Mfg. Co., Racine, Wis.
Herman Nelson Div., American Air Filter Co., Inc., Moline, Ill.
L. B. White Co., Onalaska, Wisc.
Yoho & Hooker, 523 Williamson, Youngstown, Ohio

DEPENDABLE, SAFE, LOW COST PLASTIC GREENHOUSE HEATERS



LP or Natural Gas

\$6,000 or 33,000 BTU input
Rugged construction (aluminumized steel) (no rust)
100% safety pilot-automatic control
Directional heat flow
Blower attachment available
Being used with outstanding results
Free greenhouse plans sent on request



Blower Attachment



BURLEY BURNER CO., Inc.
2417 Nicholasville Pike Lexington, Ky.

REVOLUTIONARY PLASTIC GREENHOUSE

**Lifetime
Aluminum
Construction**



• Quick Erection • Simplified Cover Application

**IDEAL FOR Low Cost Seasonal Expansion
Temporary Storage—Merchandising**

In 3 practical sizes—11, 20, and 25 ft. wide. Lengths in multiples of 8 ft., starting at 32 ft.

WRITE TODAY FOR CATALOG AND PRICE SHEET AVG-79

LORD & BURNHAM
Div. Burnham Corporation

IRVINGTON, N.Y.
DES PLAINES, ILL.

FLORISTS' & GARDENERS' INSURANCE ASSOCIATION

Serving OHIO greenhouse
Operators

SINCE 1918

Low-cost insurance on Assessment Mutual Plan.
Reserve and re-insurance maintained.

Harold F. Yoder, President
M. K. Lake, Secretary
309 Public Square Building
Cleveland 13, Ohio



Write for
complete information.

HEATING CABLES

General Electric Co., Apparatus Dept., Schenectady, N. Y.
Yoho & Hooker, 523 Williamson Ave., Youngstown, Ohio

SASH

Gaines Hardwood Lumber Co., 18 Branch St., St. Louis 7, Mo.
Hidden Springs Co., Katonah, N. Y.
Ickes-Braun Greenhouse Mfg. Co., 2340 Wabansia Ave., Chicago 47, Ill.
Yoho & Hooker, 523 Williamson, Youngstown, Ohio.

SOIL SHREDDER

Lindig Mfg. Co., Inc., 1875 West County Rd. C, St. Paul 13, Minn.

STANDBY ELECTRIC PLANTS

Kohler Co., Kohler, Wis.
D. W. Onan & Sons, Inc., University Ave., S. E. at 25th, Minneapolis 4, Minn.
United States Motors Corp., Oshkosh, Wis.

STEAM TRAPS

Armstrong Machine Works, 676 Maple St., Three Rivers, Mich.
Florist Products, 1843 Oakton, Des Plaines, Ill.

STERILIZING COVERS

Florist Products, 1843 Oakton, Des Plaines, Ill.
Panogen, Inc., Div. of Morton Chemical Co., 110 N. Wacker Dr., Chicago 6, Ill.

STOKERS

Iron Fireman, 3170 W. 106th, Cleveland, O.

TEMPERATURE CONTROLS

Barber-Colman Co., Rockford, Ill.
Florist Products, 1843 Oakton, Des Plaines, Ill.
General Electric Co., River Road, Schenectady, N. Y.
Minneapolis-Honeywell Regulator Co., 2747 Fourth Ave. S., Minneapolis 8, Minn.
Standard Thermometer, Inc., 958 Dorchester Ave., Boston, Mass.

**WE PAY
FREIGHT
150 lbs.
or more***

CLEAR & BLACK POLYETHYLENE

Serving The Growing Trade Since 1921

Highest Quality Propagation Cloth

**POLYETHYLENE
SARAN CLOTH
FUMIGATION COVERS**

Write, Wire or Phone for
NEW LOWERED PRICES

WE UNDERSELL THEM ALL!

*We ship collect; you deduct freight on 150 lbs. (net) or more and send bill of lading with remittance

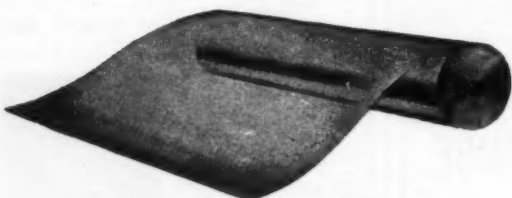
X. S. SMITH, INC.

P. O. BOX 272 RED BANK, N. J., U.S.A.
PHONE - CAPITOL 2-4600

Bulldog Brand

POLYETHYLENE FILM

Transparent



**SPECIAL FOR MARKET GROWERS
BLACK MULCHING GRADE**

.0015" — 3 ft. x 250 ft., \$4.00 a roll, net
.0015" — 3 ft. x 500 ft., \$7.50 a roll, net
.0015" — 3 ft. x 1,000 ft., \$15.00 a roll, net
.0015" — 4 ft. x 1,000 ft., \$20.00 a roll, net

"We ship same day"

YOH & HOOKER
BOX 1165 • YOUNGSTOWN, OHIO

Sizes and Prices

Our Polyethylene film is .004 mil. thick and this is medium weight, and cost considered, is the most satisfactory.

3 ft. wide by 100 ft. long \$6.00 a roll
4 ft. wide by 100 ft. long \$8.00 a roll
6 ft. wide by 100 ft. long \$12.00 a roll
8 ft. wide by 100 ft. long \$16.00 a roll
10½ ft. wide by 100 ft. long \$21.00 a roll
20 ft. wide by 100 ft. long \$40.00 a roll
6 Rolls to 9 Rolls Deduct 20%
10 Rolls or More Deduct 25%

Big Sample Bargain

Big useable sample piece 10 ft. long by 3 ft. wide. Send \$1.00 cash, check or stamps for this big sample by mail, postpaid

TRANSPARENT FILM

CELLULOSE ACETATE BUTYRATE (KODAPAK II)

Hill Greenhouse Construction Co., Apopka, Fla.
Hill Greenhouse Construction Co., Medina, N. Y.
Lord & Burnham, Div. of Burnham Corp., Irvington, N. Y.
Yoho & Hooker, 523 Williamson Ave., Youngstown, Ohio

POLYESTER (MYLAR)

George J. Ball, Inc., West Chicago, Ill.
E. I. du Pont de Nemours & Co., Wilmington, Del.

POLYETHYLENE

American Associated Cos., Red Bank, N. J.
Bakelite Co., Div. of Union Carbide Corp., 420 Lexington Ave., N. Y., N. Y.
Basic Incorporated, Tiger Brand Div., Hanna Bldg., Cleveland, Ohio
Benson-Maclean, Bridgeton, Ind.
Celanese Corporation of America, Plastics Div., 290 Ferry St., Newark, N. J.
Central States Paper and Bag Co., 5221 Natural Bridge, St. Louis 15, Mo.
Dac Corporation, Terre Haute, Ind.
Dow Chemical Co., Midland, Mich.
Flex-O-Glass, Inc., 1104 N. Cicero Ave., Chicago 51, Ill.
Florist Products, 1843 Oakton, Des Plaines, Ill.
Gering Products, Inc., Kenilworth, N. J.
Glick Twins, Pharr, Texas
Lames, Inc., Norcross, Ga.
Panogen, Inc., Div. of Morton Chemical Co., 110 N. Wacker Dr., Chicago 4, Ill.
Peter & Co., 3618 Lexington Rd., St. Matthews, Ky.
Pexco Bag Mfg. Co., 32 So. Huron St., Toledo 4, Ohio
Producer's Exchange, Inc., 20-32 So. Huron St., Toledo 4, Ohio
Reynolds Metals Co., 6601 W. Broad St., Richmond, Va.
Rough Brothers, 4229 Spring Grove Ave., Cincinnati 23, Ohio
Visking Co., Div. of Union Carbide Corp., Plastics Div., Terre Haute, Ind.
Warp Bros., Chicago 51, Ill.
Yoho & Hooker, Box 1165, Youngstown, Ohio

TAPE, POLYETHYLENE (PRESSURE SENSITIVE)

Gering Products, Inc., Kenilworth, N. J.

VINYL (CALVINOL, MARVINOL)

California Spray-Chemical Corp., Richmond, Calif.
Florist Products, 1843 Oakton, Des Plaines, Ill.
Naugatuck Chemical Div., U. S. Rubber Co., Naugatuck, Conn.

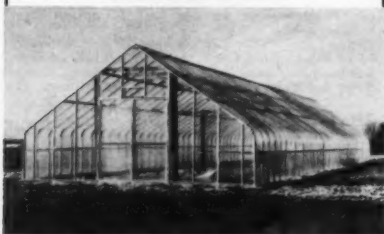
VENTILATORS

Acme Eng. & Mfg. Corp., Muskogee, Okla.
Advance Co., Inc., Richmond, Ind.
Lord and Burnham, Div. of Burnham Corp., Irvington, N. Y.
The Ventender System, 28 Pleasant St., Chagrin Falls, Ohio
Yoho & Hooker, 523 Williamson Ave., Youngstown, Ohio

VERMICULITE

Zonelite Co., 135 S. LaSalle St., Chicago 3, Ill.

PLACO LOW COST PREFAB PLASTIC GREENHOUSES and GREENHOUSE KITS



FEATURING PLACO METAL KNEES

ATTRACTIVE—Metal knees at save form house into rounding "Gothic" appearance.
STURDY—Metal reinforced treated wood.
FUEL SAVER—Double layer plastic for dead air space plus lowered inside ceiling and sunken ventilators. Save over ½ on heating costs.
DOUBLE DOORS front and back—drive a tractor or pickup through for tending, easy cleaning and extra ventilation.
EASY TO ASSEMBLE—or will erect for you. For the do-it-yourself man we have Greenhouse Kits of weatherized plastic and Placo Metal Knees only—you buy your own lumber and hardware and save the prefab and shipping costs. Any widths—any lengths.

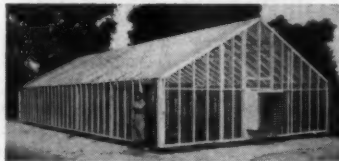
Low Cost Hobby Houses Tool

PLACO Box 1389
Lexington, Ky.

DU PONT

MYLAR® POLYESTER FILM

**The Most Dependable Film
for Plastic Greenhouses**



- Strong — long-lasting.
- Low cost — easy to build.
- Use the year 'round.

Test greenhouses of Weatherable MYLAR Type W have withstood over three years' actual exposure and are still standing. MYLAR is one third as strong as steel and 9 times as strong as Polyethylene.

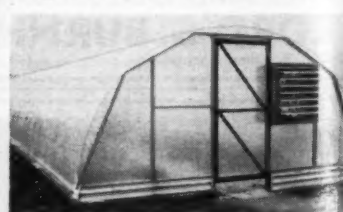
Send for free samples and prices together with plans for building a plastic greenhouse.

GEO. J. BALL, Inc.

West Chicago, Ill.

Phone 299

Replace Your Hot Beds with a Rough Brothers PLASTIC HOUSE



PRACTICAL! VERSATILE! SIMPLE!

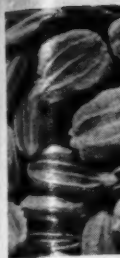
POLYETHYLENE FILM

1½ mil., black, in 1000-ft. rolls, 3 ft. wide, \$20.00; 4 ft. wide, \$27.00.
2-mil., natural, in 300-ft. rolls, 4 ft. 2 ins. wide, \$8.00; 8 ft. 4 ins. wide, \$15.00; 12 ft. wide, \$21.00.
4 mil., natural, in 100-ft. rolls, 3 ft. wide, \$6.00; 4 ft. wide, \$8.00; 6 ft. wide, \$11.20; 8 ft. wide, \$14.40; 10 ft. wide, \$18.00; 12 ft. wide, \$21.60; 14 ft. wide, \$25.20; 16 ft. wide, \$28.80; 20 ft. wide, \$36.00; 24 ft. wide, \$43.20; 38 ft. wide, \$50.40; 32 ft. wide, \$57.60.
6 mil. available in widths up to 32 ft.
10 per cent discount on orders over \$24.00.
20 per cent discount on orders over \$60.00.
35 per cent discount on orders over 50,000 sq. ft.
We pay freight if check is with order.

ROUGH BROTHERS

4229 Spring Grove — Kirby 1-6180 — Cinti. 23, Ohio
Manufacturers & Builders of America's
Finest Greenhouses

AMERICAN VEGETABLE GROWER



Agricultural Lab
Ave. Columbus
Nitrogen Co., Inc.
Wis.

CERTIFIED POTATO

Canadian Dept.
Ont., Canada
Clark Seed Farms
Maine Developme
Minnesota State
Nebraska Certif
N. Y. Certified
Univ., Ithaca, I
North Dakota S
Fargo, N. Dak
P.E.I. Potato Mar
Canada
South Dakota P
S. D.

COATED (Pallets)

Associated Seed
Haven 2, Conn.
Ficoat Coated
Los Angeles 27
Germain's, Inc.
geles 27, Calif.
Keller Seed Store
F. Lagomarsino &
The J. Chas. Mc
Cincinnati 1, O

SEEDLESS WATER

American Seedle
Intercontinental
cago, Ill.

Read the a
vertisers will
specifications,
saw it in AN

PR for Cor

A complete l
of Vegetabl
years of res
strains have
seeds to be t

Quality

Write for yo
leading Tom
BURGES
100-K G

JULY, 1959

ODAPAK 81)
opka, Fl.
dina, N.
orp., Irvington,
Youngstown,

ington, Del.

N. J.
Corp., 420 Lex-
Henne Bldg.,

astics Div., 290
5221 Natural

Ave., Chicago

es, Ill.

al Co., 110 N.

thweys, Ky.
St., Toledo 4

Huron St.

St., Richmond,

re., Cincinnati

Corp., Plastics

Ohio

(SITIVE)

mond, Calif.
es, Ill.
Co., Nauga-

la.

Corp., Irving-

Chagrin Falls,

Youngstown,

3, Ill.

with a
HOUSE

MPLE!

de, \$20.00;

ins. white,

de, \$21.00.

de, \$6.00;

de, \$14.00;

ft. wide,

.00; 21 ft.

de, \$57.00.

00.

00.

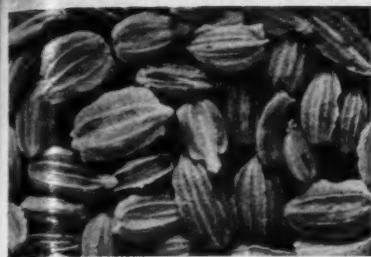
sq. ft.

r.

23, Ohio

sa's

GROWER



SEEDS AND PLANTS



INOCULANTS

Agricultural Laboratories, Inc., 1147 Chesapeake Ave., Columbus, Ohio
Nitragin Co., Inc., 3025 W. Custer, Milwaukee 9, Wis.

SEED CLEANERS

A. T. Ferrell Co., Saginaw, Mich.

SEEDS

CERTIFIED POTATO

Canadian Dept. of Trade and Commerce, Ottawa, Ont., Canada

Clark Seed Farms, Richford, N.Y.

Maine Development Assn., Augusta, Maine

Maine Potato Growers, Presque Isle, Maine

Minnesota State Dept. of Agr. Seed Potato Certifi-

cation, St. Paul, Minn.

Nebraska Certified Potato Growers, Alliance, Nebr.

N. Y. Certified Seed Growers Co-op., Inc., Cornell

Univ., Ithaca, N.Y.

North Dakota State Seed Dept., College Station,

Fargo, N. Dak.

P.E.I. Potato Marketing Board, Charlottetown, P.E.I.,

Canada

South Dakota Potato Growers Assn., Watertown,

S. D.

COATED (Pelleted)

Associated Seed Growers, Inc., 205 Church St., New

Haven 2, Conn.

Ricoat Coated Seeds, 6400 E. Washington Blvd.,

Los Angeles 27, Calif.

Germain's, Inc., 6400 E. Washington Blvd., Los An-

geles 27, Calif.

Keller Seed Store, Shawnee, Okla.

F. Lagomarsino & Sons, Sacramento, Calif.

The J. Chas. McCullough Seed Co., Eggleston Ave.,

Cincinnati 1, Ohio

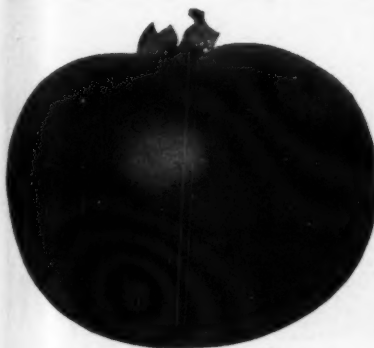
SEEDLESS WATERMELON

American Seedless Watermelon Corp., Goshen, Ind.

Intercontinental Industries, 555 W. Adams St., Chi-

cago, Ill.

Read the advertisements and remember ad-
vertisers will be glad to send you catalogs,
specifications, and prices. Be sure to say you
saw it in AMERICAN VEGETABLE GROWER.



PRICE LIST for Commercial Growers

A complete listing of the very finest varieties of Vegetable and Flower Seeds. Forty-six years of research, testing and improving of strains have proved Burgess "Blizzard Belt" seeds to be the finest obtainable.

Quality Seeds mean Greater Profits

Write for your free copy today from America's leading Tomato Seed Specialists.

BURGESS SEED & PLANT CO.
100-K GALESBURG, MICHIGAN

JULY, 1959

Holmes Seeds

Make Sure You Plant
These Outstanding Hybrids

Sweet Corn

Early Sunrise

Extra Early, Fine Quality

Sugar King

Outstanding for
Tenderness and Sweetness

Place Your Orders Now

HOLMES SEED CO.

1017—9th S.W.

Canton, O.

Could we send you our 1960 Catalog in Nov.?

FRUIT GROWER

Invest in Top Quality Stock for
Maximum Harvests

We offer a complete line of FRUIT TREES—Apples, Peaches, Pears, Plums, Cherries, Apricots, Nectarines, etc. A variety for every climate and market requirement. Many are patented varieties available only at Bountiful Ridge, such as REDWIN (sport of Ery-Red-Fre) and the nation's earliest commercial peach; the New DEVOE Pear, rapidly becoming a most popular commercial variety.

Offering 20 varieties virus free Strawberry Plants, famous for growth and productiveness. DWARF APPLE TREES (ON MALLING 1, 2, 7, 9 STOCK). Nut trees, Berry Plants, Grape Vines, Evergreens and Flowering Shrubs. Over 80 years growing and selling experience, through four generations at Kemp family, stand behind Bountiful Ridge Nursery stock.

Write today for free 60-page catalog—you'll like our wide selections and low direct-to-planter prices.

BOUNTIFUL RIDGE NURSERIES

Box V-79
PRINCESS ANNE, MD.



HARRIS SEEDS

Who Brought You

NORTH STAR Sweet Corn,

MORETON HYBRID Tomato,

HARVEST QUEEN Melon, and many more

NOW PROUDLY PRESENT FOR 1960

NORTHERN BELLE Sweet Corn

A New Small-Grained, Second-Early Hybrid

Uniform, 8-inch ears with small, tight-packed kernels . . . excellent tip fill . . . bright, appetizing appearance . . . sturdy, upright plants . . . ready just after Carmelcross and yields heavy crops.

MARKET MASTER Danish Cabbage

New F₁ Hybrid—Early Danish Type

Highly uniform . . . clean, flattened heads, excellent blue-green Danish color . . . ready a week ahead of regular Danish . . . hybrid vigor and productivity . . . erect wrapper leaves.

HARRIS' SHIPPER Snap Beans

New Oval-Podded Green Bean For Market

Brand new bean in the Contender class . . . vigorous, healthy plants . . . big yields of attractive, bright green pods . . . outstanding in Florida test under severe rust conditions.

JOSEPH HARRIS CO., INC.

78 Moreton Farm

Rochester 11, N. Y.

Write for prices and more information.

Ask for Market Gardeners' and Florists' Price List.

1960 Catalogs ready about Dec. 1st.

SEEDS & PLANTS

All American Vegetable Grower readers are invited to attend the nationally famous **Vaughan's Field Day, July 30, 1959.** At this meeting you will see our 75 varieties of **Hybrid Corn, Beans, Cantaloupe, Watermelon, Beets, Carrots, Cabbage and Onions**, and, in addition, our **100 Varieties of Tomatoes.**

See standard varieties alongside experimental varieties and make your own comparison. In addition see 3 acres of flower trials, bulb trials and rose trials. It's a day well spent.

After looking over the trials we want you to have lunch with us. The trials are part of the **Robert McCormick Gardens—3 miles West of Wheaton, Illinois, just south of U.S. Highway Alt. 30, on the Winfield Road.**

VAUGHAN'S SEED COMPANY

601 West Jackson, Chicago 6, Ill.

VEGETABLE AND MELON

Agricultural Alumni Seed Improvement Assn., Inc., R.R. 1, Lafayette, Ind.
Alpha Seeds, Box 1042, Lompoc, Calif.
Associated Seed Growers, Inc., 205 Church St., New Haven 2, Conn.
Clarence Brown Co., Div. Lawrence Robinson & Sons, Modesto, Calif.
Burgess Seed & Plant Co., Galesburg, Mich.
W. Atlee Burpee Co., Burpee Bldg., Philadelphia 32, Pa.
D. V. Burrell Seed Growers Co., Rocky Ford, Colo.
Alf Christianson Seed Co., Mt. Vernon, Wash.
Condon Bros. Seedsmen, Rockford, Ill.
Corneli Seed Co.—Keystone seeds sold through Keystone dealer—101 Chouteau Ave., St. Louis 2, Mo.
Crown Vine Seed Growers, Lamar, Okla.
Decatur Seed Shop & Greenhouse, Decatur, Mich.
Dessert Seed Co., Inc., P. O. Box 181, El Centro, Calif.
W. G. Farrier Plant Co., Omaha, Tex.
Ferry-Morse Seed Co., Detroit, Mich., and Mountain View, Calif.
Germain's, Inc., 6400 E. Washington Blvd., Los Angeles 22, Calif.
Gieslers Seedsmen, Metamora, Ohio
Gill Bros. Seed Co., N. E. 99th and Halsey, Portland 16, Ore.
"Harris Seeds", Joseph Harris Co., Inc., Rochester 11, N. Y.
Healy's Truck Farm, St. Francisville, Ill.
Billy Hepler Seed Co., 76 Madbury Road, Durham, N. H.
Herbst Bros. Seedsmen, Inc., 678 Broadway, N. Y. 12, N. Y.
Holmes Seed Co., 1017 Ninth St., S. W., Canton, Ohio
Letherman's, 501 McKinley Ave., N. W., Canton 2, Ohio
J. Chas. McCullough Seed Co., Eggleston Ave., Cincinnati 1, Ohio
Michael-Leonard Co., Box 777, Davenport, Iowa
Midwest Seed Growers, 505 Walnut, Kansas City, Mo.
Northrup, King & Co., 1500 Jackson St., N. E., Minneapolis 13, Minn.
Peto Seed Co., Salicoy, Calif.

Please refer to classified index on pages 15 and 16

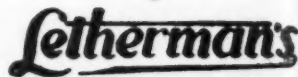
Lawrence Robinson & Sons, Modesto, Calif.
Robson Quality Seed, Inc., Hall, N. Y.
Waldo Rohmert Co., Hollister, Calif.
Seed Research Specialists, Inc., Modesto, Calif.
Simpson Nursery Co., Box 178, Monticello, Fla.
Standard Seed Co., 931 W. 8th St., Kansas City 1, Mo.
Francis C. Stokes Co., Vincentown, N. J.
Sweet Corn Research, Inc., SRS, Modesto, Calif.
Otis S. Twilley, Salisbury, Md.
United States Seed Co., Inc., 417 N. 3rd St., St. Louis, Mo.
Vaughan's Seed Co., 601 W. Jackson Blvd., Chicago 6, Ill.
Veg Acre Farms, Cape Cod, Forestdale, Mass.
Willhite Melon Seed Farms, Weatherford, Texas
Wisconsin Cabbage Seed Co., Racine, Wis.
T. W. Wood & Sons, Richmond 19, Va.
F. W. Woodruff & Sons Div., Associated Seed Growers, Inc., Milford, Conn.

For Profitable Crops



Seeds of Proven Merit

Vegetable and Flower Seed



Dept. VG, Canton 2, Ohio

ATTENTION

SUCCESSFUL VEGETABLE GROWERS



F. HYBRID TOMATO EARLY BOY

DEVELOPED BY OUR PLANT BREEDER, DR. ROBERT TANG

FOR THE FINEST VEGETABLE SEED AVAILABLE OF ALL VARIETIES, DEMAND DESSERT'S SEED FROM YOUR LOCAL SEEDMAN.

This new tomato is a very early and heavy yielder with large size fruit. It has a determinate vine with large, broad leaf. For all your requirements on vegetable seed, both new and standard varieties, we are here to serve you.

Dessert Seed Company, Inc.

P. O. Box 181
El Centro, California

Calif.
to, Calif.
ello, Fla.
Kansas City I.
J.
esto, Calif.
N. 3rd St., St.
Blvd., Chicago
e, Mass
rd, Texas
Wis.
ed Seed Grow.

rops

crit

r Seed

ns

Ohio

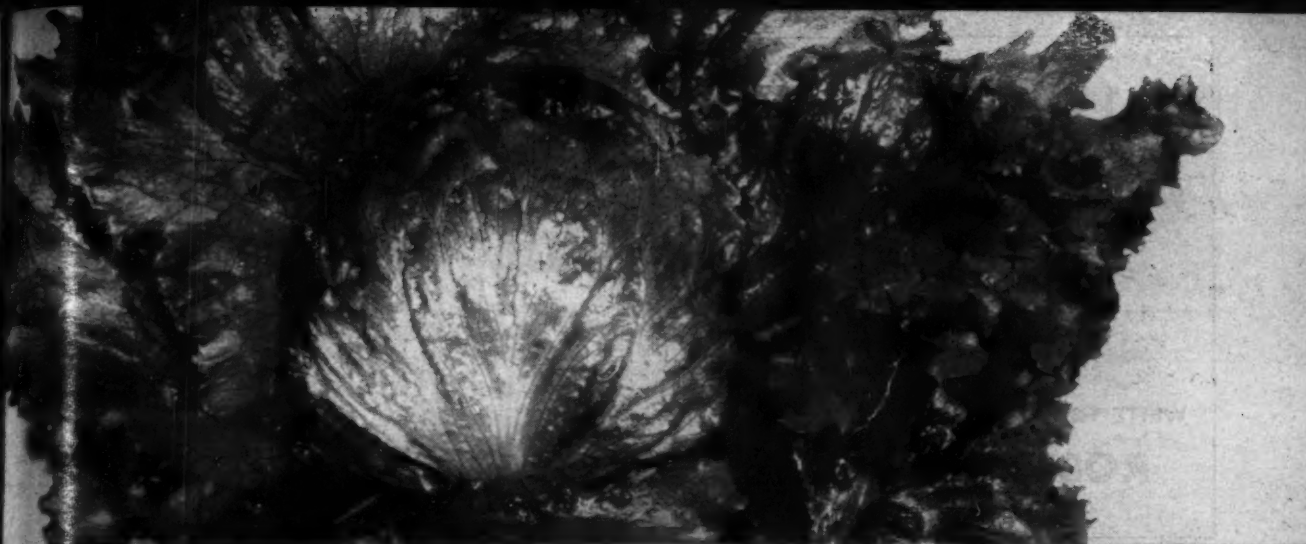
RS

'S

all

nia

GROWER



F-M Mosaic Tested Lettuce—Ferry-Morse lettuce seed tests 99.9% Mosaic free. It can give you up to 25% higher yields than ordinary seed, because it practically eliminates primary (seed-borne) infection. Order the variety that best suits your needs:

Heading Varieties: Climax, Cornell 456, Dark Green Boston, Empire, Great Lakes 6238, Lakeland, Merit, Vanguard. Ferry-Morse has stock of all popular, Mosaic Tested Great Lakes strains.
Loose Leaved Varieties: Prize Head, Ruby.
Cos or Romaine Varieties: Dark Green Cos, White Paris Self Folding Cos.



Long Imperator 58 Carrot—Selected by Ferry-Morse from regular Long Imperator, this is a new strain that is better for bunching or cello-pak. Firmly attached tops are shorter and darker green.

Smoother, more refined roots are longer, more slender, less tapered. Color is deeper orange with better colored, smaller cores. One of the best varieties for market and shipping.

Improved for you by Ferry-Morse research

Plant research is a painstaking endeavor. It's easy to determine the characteristics of an ideal carrot or lettuce, but it takes years of patience on the part of an expert breeder to develop these characteristics.

Every vegetable variety sold by Ferry-Morse is subjected to exacting performance tests and recommended for particular areas and grower needs. Your Ferry-Morse representative has all the information supplied by plant breeders on the best varieties for you. Contact him today!

FERRY MORSE
SEED CO.



DETROIT • MEMPHIS • MOUNTAIN VIEW • LOS ANGELES
HARLINGEN • TAMPA

in 1960

plant **ROBSON**

SWEET CORN HYBRIDS

Commercial growers have outstanding success with Robson's Hybrids. Our nationally known High Quality Seneca Hybrids have been developed through more than thirty years of experience.

WRITE TODAY FOR 1960 CATALOG TO BE MAILED NOV. 1959

ROBSON QUALITY SEEDS, INC.

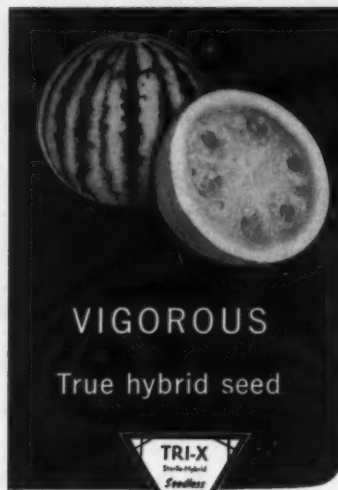
BOX VG 9, HALL, N.Y.

SEEDS & PLANTS

VEGETABLE PLANT GROWERS

Adams County Nursery & Fruit Farms, Aspers, Pa.
K. W. Alger, Crystal City, Tex.
Bountiful Ridge Nurseries, Princess Anne, Md.
Butt's Plant Farms, Thorndale, Tex.
The Conner Co., Augusta, Ark.
J. P. Council Co., Franklin, Va.
Crescent Farms, Moultrie, Ga.
Decatur Seed Shop & Greenhouse, Decatur, Mich.
W. G. Farrier Plant Co., Omaha, Tex.
Fieldhouse Fruit Farm, Dodgeville, Wisc.
C. G. Foulks Plant Farms, Amite, La.
French Nursery Co., Clyde, Ohio
P. D. Fulwood, Tifton, Ga.
W. Grossmann & Son, Petersburg, Va.
Irrigated Plant Farms, Thorndale, Tex.
Keller Seed Store, Shawnee, Okla.
Peter W. Klippert, Rt. 2, Box 511, Des Plaines, Ill.
F. Lagomarsino & Sons, Sacramento, Calif.

L. P. Legg, Ashburn, Ga.
The J. Chas. McCullough Seed Co., Eggleston Ave., Cincinnati 1, Ohio
Walter Parks, Darien, Ga.
Geo. R. Pedrick & Sons, Pedricktown, N. J.
Piedmont Plant Co., Albany, Ga.
Paul F. Rochelle, Morristown, N. J.
Schmidt Bros. Greenhouse, Rt. 3, Swanton, Ohio
Schroer Plant Farms, Valdosta, Ga.
Fred H. Schutter, Pleasant Valley, Iowa
Service Plant Co., Omega, Ga.
Francis C. Stokes Co., Vincentown, N. J.
Texas Plant Farms, Jacksonville, Texas
Erland D. Troup, Jordan Station, Ontario, Canada
Van Antwerp Seed Co., Mobile, Ala.
Vaughan's Seed Co., 601 W. Jackson Blvd., Chicago 6, Ill.
Vickers Plant Farms, Hattiesburg, Miss.
Arlie Woodard, Dongola, Ill.
Job P. Wyatt & Sons Co., Raleigh, N. C.



Seedless
WATERMELON
TRI-X #317

VIGOROUS
True hybrid seed

Pioneers
in Seedless
Culture
in U. S. A.

American Seedless Watermelon Seed Corp.
Goshen, Indiana

WHAT'LL IT MIX WITH?

Larger and completely revised for 1959. For economical and safe spraying, the compatibility of the various organic insecticides and fungicides is a must. AMERICAN VEGETABLE GROWER has again produced an ingenious spray compatibility chart which tells the grower at a glance just what chemicals will mix safely. Printed in 3 colors and mounted on Bristol board, it will guide you through the spraying season. Also the important companion Spray Safety Chart which has been developed to help you in the safe, sure way to use these spray materials.

Order both charts — a 70c value — for only 60c. This offer good only in U.S.A. and Canada. Quantity prices on request. Cash or your check must accompany each order.

AMERICAN VEGETABLE GROWER, Willoughby, Ohio

TRUCKS & Transportation

REFRIGERATION UNIT

Thermo King, 44 S. 12th St., Minneapolis 3, Minn.

TIRES AND TUBES

Firestone Tire & Rubber Co., Akron, Ohio
General Tire & Rubber Co., Englewood Ave., Akron, Ohio
B. F. Goodrich Co., 500 S. Main St., Akron, Ohio
Goodyear Tire & Rubber Co., Inc., 1144 E. Market St., Akron, Ohio
Kelly-Springfield Tire Co., Cumberland, Md.
Mansfield Tire & Rubber Co., Mansfield, Ohio
Pennsylvania Rubber Co., Jeannette, Pa.
Republic Rubber Div., Lee Rubber & Tire Corp., Albert St., Youngstown, Ohio
Seiberling Rubber Co., Akron 9, Ohio
United States Rubber Co., 1230 Ave. of Americas, N. Y. 20, N. Y.

TRUCKS

Chevrolet Motor Div., General Motors Corp., General Motors Bldg., Detroit 2, Mich.
Chrysler Corp., Dodge Truck Div., 21500 Mound Road, Detroit 34, Mich.
Dodge Div. Chrysler Corp., 7900 Joseph Campus Ave., Detroit 11, Mich.
Ford Motor Co., Dearborn, Mich.
GMC Truck & Coach Div., General Motors Corp., Pontiac 11, Mich.
International Harvester Co., 180 N. Michigan Ave., Chicago 1, Ill.
Mack Trucks Inc., 350 5th Ave., N. Y. 1, N. Y.
White Motor Co., 842 E. 79th, Cleveland 1, Ohio
Willis Motors, Inc., 940 N. Cove Blvd., Toledo, Ohio

TRUCK ACCESSORIES

AXLES—Two Speed

Eaton Mfg. Co., 739 E. 140th St., Cleveland, Ohio

BEARINGS

Arguto Oilless Bearing Co., 149 Berkley St., Philadelphia 44, Pa.
Hyatt Bearings Div., General Motors Corp., Harrison, N. J.
New Departure Mfg. Co., Bristol, Conn.
SKF Industries, Inc., Front St. & Erie Ave., Philadelphia 32, Pa.
Timken Roller Bearings Co., Canton, Ohio

FROST Protection

FROST ALARM INDICATORS

Minneapolis-Honeywell Regulator Co., 2747 Fourth Ave. S., Minneapolis, Minn.
Precision Thermometer & Instrument Co., 1433 Brandywine St., Philadelphia 30, Pa.
Taylor Instrument Co., Ames St., Rochester 1, N. Y.

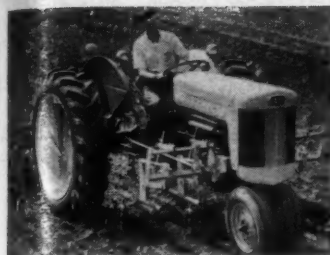
PLANT PROTECTORS

General Plastics Corp., Marion, Ind.
Germain's, Inc., 6400 E. Washington Blvd., Los Angeles 22, Calif.
Green Thumb Metal & Plastic Corp., 2417 Nicholasville Pike, Lexington, Ky.
Kalamazoo Vegetable Parchment Paper Co., Kalamazoo, Mich.
Paxton Products Co., P. O. Box 2006, Riverside, Calif.
Placo, P.O. Box 1389, Lexington, Ky.
Producer's Exchange, Inc., 20-32 So. Huron St., Toledo 4, Ohio
Robinson Blower & Engineering Corp., San Martin, Calif.

Fruit & Vegetable BOOKS

Orange Judd Publishing Co., Inc., 15 East 26th St., New York 10, N. Y.
John Wiley & Sons, Inc., 440 Fourth Ave., New York 16, N. Y.

AMERICAN VEGETABLE GROWER



TRACTORS & TILLAGE EQUIPMENT



CULTIVATORS

Allis-Chalmers Mfg. Co., Tractor Div., 1126 S. 70th St., Milwaukee 1, Wis.
J. I. Case Co., 700 State St., Racine, Wis.
Cockshutt Farm Equipment, Ltd., Brantford, Ontario, Canada
John Deere, Moline, Ill.
Ferguson Mfg. Co., Inc., Suffolk, Va.
Ford Motor Co., Tractor and Implement Div., Birmingham, Mich.
International Harvester Co., 180 N. Michigan Ave., Chicago 1, Ill.
Kewanee Engineering Corp., Kewanee, Wis.
Kirbro Co., 131 Schley St., Newark 12, N. J.
Lift Tools, Inc., Eau Claire, Mich.
Massey-Ferguson, Inc., Racine, Wis.
Minneapolis-Moline Co., Box 1050, Minneapolis 1, Minn.
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.
Portable Elevator Mfg. Co., 920 E. Grove St., Bloomington, Ill.
Robinson Blower & Engineering Corp., San Martin, Calif.
Winpower Mfg. Co., Newton, Iowa

CULTIVATOR SHIELDS

Burch Plow Works, Inc., Evansville, Ind.
Engine Parts Mfg. Co., 1360 W. 9th St., Cleveland, Ohio
H. D. Hume Co., Mendota, Ill.
Kooker Mfg. Co., Hull, Iowa
Mas. Engineering Co., Inc., Grand Mound, Iowa
Siebring Mfg., George, Iowa

CULTIVATOR SHOVELS

S. L. Allen & Co., Inc., 5th & Glenwood, Philadelphia 40, Pa.
Blanton Plow Co., Inc., Rome, Ga.
Empire Plow Co., Inc., 3140 E. 65th St., Cleveland, O.

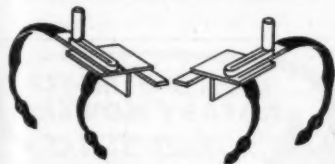
MADE FOR YOU!

The finest...

VEGETABLE CULTIVATOR

...in the field

TRY IT AT OUR EXPENSE



BETTER WORK

—no other tool can equal it, cultivator fits every tractor. Built to outlast the life of your tractor. Roughest and toughest in the field—nothing to break. Speed up your tractor and do more acres per day. Does all your cultivating from beginning to end. Have a cleaner field—no weeds with a KIRBRO cultivator. Have top rate performances with the KIRBRO cultivator.

WRITE OR CALL FOR FURTHER DETAILS

KIRBRO CO.

131 SCHLEY ST. NEWARK 12, N. J. WAVERLY 3-4635

Amazing NEW WINPOWER Agrotiller

Adds years to your soil. Extra dollars to your Profits!



ROTARY CULTIVATION BLAZES NEW TRAIL IN FARMING:
HEAVY-DUTY TILLS, IMPROVES FERTILITY AND YIELDS;
RETARDS SOIL EROSION; CUTS CULTIVATION TIME

Does all these Tough Jobs Well!

- ★ SEED BED PREPARATION
- ★ WEED CONTROL
- ★ PASTURE BREAKING
- ★ LAND RECLAMATION
- ★ TURNING STUBBLE
- ★ PLOWS, DISCS, HARROWS IN ONE OPERATION
- ★ IDEAL FOR ORCHARDS AND GARDENS

WRITE TODAY FOR FREE FOLDER! **WINPOWER**
MFG. CO., NEWTON, IOWA

International Harvester Co., 180 N. Michigan Ave., Chicago 1, Ill.
King Plow Co., Atlanta, Ga.
Lantz Mfg. Co., Inc., Valparaiso, Ind.
Massey-Ferguson Inc., Racine, Wis.
National Farm Equipment & Supply, Marion, Ind.
Osmundson Forge Co., Webster City, Iowa
Osmundson Spade Mfg. Co., Perry, Iowa
Pittsburgh Forgings Co., Coraopolis, Pa.
Southern Plow Co., Columbus, Ga.
Whitaker Mfg. Co., 5719 W. 65th St., Chicago, Ill.

FORK LIFTS—TRACTOR

BMC Fork Lift, Blackwelder Mfg. Co., Rio Vista, Calif.
Edwards Equipment Co., Yakima, Wash.
Gladden-Haas, Inc., Owosso, Mich.
Harlo Products Corp., 101 Sheldon Ave., S.E., Grand Rapids 2, Mich.
Henderson Mfg. Co., Manchester, Iowa
Henry Mfg. Co., Inc., P.O. Box 521, Topeka, Kans.
Lift Tools, Inc., Eau Claire, Mich.
Massey-Ferguson, Inc., Racine, Wis.
New Idea Farm Equipment Co., Coldwater, Ohio
Portable Elevator Mfg. Co., 920 E. Grove St., Bloomington, Ill.
Weaner Iron Wks., 1905 S. First St., Milwaukee 1, Wis.

FURROWERS—TRACTOR

Allis-Chalmers Mfg. Co., Tractor Div., 1126 S. 70th St., Milwaukee 1, Wis.
John Deere, Moline, Ill.
Earthmaster Farm Equipment, 10777 Van Owen St., Burbank, Calif.
Evans Mfg. Co., Anaheim, Calif.
Intercontinental Mfg. Co., Inc., Garland, Tex.
International Harvester Co., 180 N. Michigan Ave., Chicago 1, Ill.
Massey-Ferguson Inc., Racine, Wis.
Townner Mfg. Co., Santa Ana, Calif.

GARDEN CULTIVATORS—HANDWHEEL

S. L. Allen & Co., Inc., 5th & Glenwood, Philadelphia 40, Pa.
Barker Mfg. Co., Inc., David City, Nebr.
Blanton Plow Co., Rome, Ga.
Empire Plow Co., 3140 E. 65th St., Cleveland, Ohio
R. Herschel Mfg. Co., Peoria, Ill.
National Farm Equipment Co., Inc., 142 Greene St., New York, N.Y.
True Temper Corp., 1623 Euclid Ave., Cleveland 15, Ohio

HARROWS

Algoma Implement Co., 2304 University Ave., St. Paul, Minn.
Allis-Chalmers Mfg. Co., Tractor Div., 1126 S. 70th St., Milwaukee 1, Wis.
Babcock Mfg. Co., Leonardville, N. Y.
John Bacon Corp., Gasport, N. Y.
Blanton Plow Co., Inc., Rome, Ga.
Bucher & Gibbs Plow Co., 6245 State Road, Philadelphia, Pa.
Burch Plow Works, Inc., Evansville, Ind.

J. I. Case Co., 700 State St., Racine, Wis.
Champion Mfg. Co., Newton, Iowa
Cockshutt Farm Equip., Inc., Bellevue, Ohio
John Deere, Moline, Ill.
Farm-Rite Implement Co., 4227 N. Knox Ave., Chicago, Ill.
Fleury-Bissel Div., Elora Industries, Elora, Ont., Canada
Ford Motor Co., Tractor and Implement Div., Birmingham, Mich.
Freeman Mfg., Inc., 3115 E. 28th St., Minneapolis, Minn.
J. A. Freeman & Son, 2034 N. W. 27th Ave., Portland 10, Ore.
Garden Tractor Sales & Service, Inc., 4276 E. Olympic Blvd., Los Angeles 23, Calif.
Henderson Implement Co., 1012 Farnam St., Omaha 8, Nebr.
Intercontinental Mfg. Co., Inc., Garland, Texas
International Harvester Co., 180 N. Michigan Ave., Chicago, Ill.
Kelly Ryan Equip. Co., Blair, Nebr.
Kewanee Machinery & Conveyor Co., Kewanee, Ill.
King Plow Co., Atlanta, Ga.
John R. Kover Mfg. Co., Inc., Anoka, Minn.
Lift Tools, Inc., Eau Claire, Mich.
Massey-Ferguson, Inc., Racine, Wis.
McAdam & Sons, Barker, N. Y.
Minneapolis-Moline Co., Box 1050, Minneapolis 1, Minn.
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.
Rose Mfg. Co., Yakima, Wash.
Smalley Mfg. Co., Manitowoc, Wis.
L. H. Schultz Mfg. Co., Rochelle, Ill.
Southern Plow Co., Columbus, Ga.
Taylor Implement Mfg. Co., Athens, Tenn.
Townner Mfg. Co., Santa Ana, Calif.

LAND LEVELERS

Marvin Landplane Co., P. O. Box 209, Woodland, Calif.

MOWERS

REEL-GANG
Sunflower Industries, Inc., Olathe, Kans.
Worthington Mower Co., Stroudsburg, Pa.

ROTARY CUTTER-SHREDDER

Rotary Blade

Algoma Foundry & Machine Co., Algoma, Wis.
Brillion Iron Works, Inc., Brillion, Wis.
Bush Hog Mfg. Co., Selma, Ala.
E. E. Caldwell & Sons, 3204 Agnes St., Corpus Christi, Tex.
J. I. Case Co., 700 State St., Racine, Wis.
John Deere, Moline, Ill.
Ford Motor Co., Tractor and Implement Div., Birmingham, Mich.
Howard C. Green, Portland, N.Y.
International Harvester Co., 180 N. Michigan Ave., Chicago 1, Ill.
Lilliston Implement Co., Albany, Ga.
New Idea Farm Equipment Co., Coldwater, Ohio
Sunflower Industries, Inc., Olathe, Kans.
Trump Sales, Ltd., Box 160, Oliver, B.C., Canada
Wood Bros. Mfg. Co., Oregon, Ill.

Rotary Hammer

Brady Mfg. Corp., P.O. Box 1456, Des Moines, Iowa
J. I. Case Co., 700 State St., Racine, Wis.
Lundell Mfg. Co., Cherokee, Iowa
Massey-Ferguson, Inc., Racine, Wis.
C. W. Mott, 4014 Eberly Ave., Brookfield, Ill.
Parma Water Lifter Co., Parma, Idaho
Sunflower Industries, Inc., Olathe, Kans.

SICKLE BAR—WALKING TYPE

Aircapitol Manufacturers, Inc., Wichita, Kans.
Jeri Products, Inc., 2938 Pillsbury Ave., Minneapolis 8, Minn.
National Mower Co., Cromwell Ave., St. Paul 4, Minn.

TRACTOR—POWER

Allis-Chalmers Mfg. Co., Tractor Div., 1126 So. 70th St., Milwaukee 1, Wis.
J. I. Case Co., 700 State St., Racine, Wis.
John Deere, Moline, Ill.
Ford Motor Co., Tractor and Implement Div., Birmingham, Mich.
International Harvester Co., 180 N. Michigan Ave., Chicago 1, Ill.
Massey-Ferguson Inc., Racine, Wis.
Minneapolis-Moline Co., P. O. Box 1050, Minneapolis 1, Minn.
New Idea Farm Equipment Co., Coldwater, Ohio
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.
Sunflower Industries, Inc., Olathe, Kans.

PLOWS

Allis-Chalmers Mfg. Co., Tractor Div., 1126 So. 70th St., Milwaukee 1, Wis.
J. I. Case Co., 700 State St., Racine, Wis.
Cockshutt Farm Equip., Inc., Bellevue, Ohio
John Deere, Moline, Ill.
Edwards Equipment Co., 4312 Main St., Yakima, Wash.
Ford Motor Co., Tractor and Implement Div., Birmingham, Mich.
International Harvester Co., 180 N. Michigan Ave., Chicago 1, Ill.
Lift Tools, Inc., Eau Claire, Mich.
Massey-Ferguson Inc., Racine, Wis.
Minneapolis-Moline Co., Box 1050, Minneapolis 1, Minn.
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.
Portable Elevator Mfg. Co., 920 E. Grove St., Bloomington, Ill.

POST HOLE DIGGERS (POWER-TRACTOR MOUNTED)

Champion Mfg. Co., Newton, Iowa
Danuser Machine Co., Fulton, Mo.
Farm Equipment Div., Standard Steel Wks., N. Kansas City 16, Mo.
Ford Motor Co., Tractor and Implement Div., Birmingham, Mich.
Massey-Ferguson, Inc., Racine, Wis.

Rear's Farm Service, Eugene, Ore.
Roper Mfg. Co., Zanesville, Ohio
Sunflower Industries, Inc., Olathe, Kans.
Von Ruden Mfg. Co., 12 Front St., Claremont, Minn.
Winpower Mfg. Co., Newton, Iowa

Tree planting—fencing AUGER

as low as \$95

Proved on farms from coast to coast—in rocks, clay, sand and mud. Handles a 24" bit as easily as 9". Heavy steel gears with replacement guarantee.



Distributed by Michigan Orchard Supply, South Haven, Michigan or write directly to

REAR'S FARM SERVICE

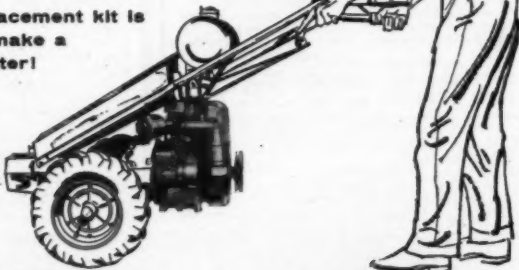
755 River Ave. Eugene, Ore.

NOW AVAILABLE

Rugged Wisconsin Replacement Engine for Gravelly Tractors!

Model BKN 7 hp replacement kit is specially adapted to make a good tractor even better!

Put the Wisconsin BKN on your Gravelly tractor — convert man-hours into cost-cutting workhours. Simply complete and mail the handy coupon below for more detailed information.



The "ready-to-install" Wisconsin BKN replacement engine packs a lot of work- and time-saving benefits. It's tailored for fast, easy installation — and it's built to give years of trouble-free, year-around service.

The BKN is a rugged field-proved workhorse engine. It starts fast and works steadily in crackling sub-zero weather or in scorching 140° F heat. The BKN has extra load-lugging power to bull the tractor through snowdrifts — to plow through thawing or hard, dry ground — and to breeze through thick, heavy growth.

All materials and components are of the highest quality for long engine life and efficient operation. Features include: tapered roller main bearings on both ends of the drop-forged steel crankshaft; fast-starting high-tension outside magneto with impulse coupling; positive pump-circulated lubrication; and a large-capacity cooling fan.



WISCONSIN MOTOR CORPORATION

MILWAUKEE 46, WISCONSIN

World's Largest Builders of Heavy-Duty, Air-Cooled Engines

THIS IS WHAT YOU GET!

The tailor-made BKN kit for Gravelly tractors includes: Quick-acting flyball governor; carburetor and automatic choke release; fast-starting outside magneto with impulse coupling; spark plug and wiring; gasoline filter; specially designed oil-bath air cleaner; adapter plate and gear; fuel-tank bracket and straps.

WISCONSIN MOTOR CORP., Dept. AVS, Milwaukee 46, Wis.

Please send me free copy of Bulletin S-228 containing detailed information and instructions regarding the installation of Wisconsin BKN replacement engines for Gravelly tractors.

Name.....

Address.....

City.....Zone.....State.....

PULVERIZERS, PACKERS, MULCHERS

Brillion Iron Works, Inc., Brillion, Wis.
Burch Plow Works, Inc., Evansville, Ind.
J. I. Case Co., 700 State St., Racine, Wis.
Lockwood Grader Corp., Gering, Nebr.
Minneapolis-Moline Co., P. O. Box 1050, Minneapolis 1, Minn.
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.
T. G. Schmeiser Co., Fresno, Calif.
S. S. Simons Machine Works, 4223 State Rd., Cornwells Heights, Pa.

ROTOTILLER SPRING GUARD

Roto-Shoe, Indiana, Pa.

SPREADERS

LIME, FERTILIZERS

Belt Corporation, Orient, Ohio
Century Engineering Corp., Cedar Rapids, Iowa
Champion Mfg. Co., Newton, Iowa
John Deere, Moline, Ill.
Ezee Flow Div., Avco Distributing Corp., 3428 N. Harlem Ave., Chicago 3, Ill.
Gandy Co., Owatonna, Minn.
International Harvester Co., 180 N. Michigan Ave., Chicago 1, Ill.
Minneapolis-Moline Co., P. O. Box 1050, Minneapolis 1, Minn.
New Idea Farm Equipment Co., Coldwater, Ohio
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.
Skibbe Mfg. Co., Sodus, Mich.
Tractor and Implement Div., Ford Motor Co., Birmingham, Mich.
Wedge 'Rain, 1919 N.W. Thurman, Portland 9, Ore.

STONEPICKERS

Bridgeport Implement Works, Inc., Stratford, Conn.
Lockwood Grader Corp., Gering, Nebr.
Min-Kota Mfg. Co., Moorhead, Minn.
WASA Potato Harvester Co., Mars Hill, Me.

TILLER RAKE

Roseman Tractor Equipment Co., 2626 Crawford Ave., Evanston, Ill.

TILLERS

ROTARY

Ariens Co., Brillion, Wis.
Bolens Products Div., Food Mach. & Chemical Corp., Port Washington, Wis.
Eshelman Co., 119 Light St., Baltimore 2, Md.
Gravelly Tractor Inc., Dunbar, W. Va.
Howard Rotavator Company, Inc., Arlington Heights, Ill.
Jari Products, Inc., 2938 Pillsbury Ave., Minneapolis 8, Minn.
Quick Mfg., Inc., 3240 E. Main St., Springfield, Ohio
Roto Hoe & Sprayer Co., Newbury, Ohio
Simplicity Mfg. Co., 2114 Spring St., Port Washington, Wis.

ROTARY TRACTOR POWER TAKE-OFF

Ariens Co., Brillion, Wis.
Bolens Products Div., Food Mach. & Chemical Corp., Port Washington, Wis.
Chickering Vegetable Equip. Co., Belding, Mich.
Great Lakes Tractor Co., Rock Creek, Ohio
Howard Rotavator Co., Inc., Arlington Heights, Ill.
McClenny Farm Machinery Co., P. O. Box 388, Suffolk, Va.
Seaman Andwall Corp., 305 N. 25th St., Milwaukee, Wis.
Winpower Mfg. Co., Newton, Iowa

TRACTION DEVICES

Arps Corp., New Holstein, Wis.
Massey-Ferguson Inc., Racine, Wis.
National Machine Co., 227 6th Ave. E., Des Moines, Iowa
Snap-Trac, Inc., 257 Owen St., Middlefield, Ohio

TRACTOR CHAINS

Columbus-McKinnon Chain Co., Tonawanda, N.Y.
Horner Tractor Sales, Geneva, Ohio
Snap-Trac, Inc., 257 Owen St., Middlefield, Ohio

Modern SUN-MASTR

ROTARY MOWERS

SHRED STALKS

MOW WEEDS

and BRUSH

AMAZING PERFORMANCE

Extra Sturdy—Guaranteed

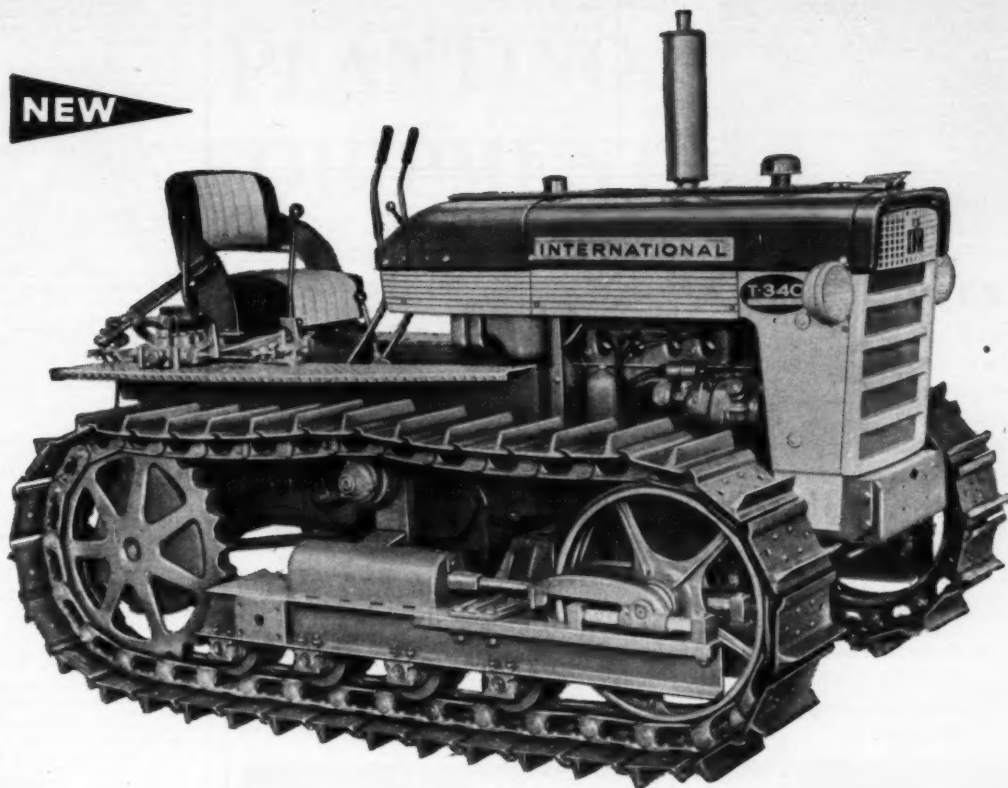
SHRED STALKS and STUBBLE Turn waste into rich fertilizer. Helps destroy insects. Makes clean plowing easy. MOW pastures, lawns, all types of grasses. CUT largest weeds and vines — brush up to 3" in diameter! Costs so little you can't afford to be without. Advanced design. Exclusive features. Quality built. SILESS and MODELS FOR ALL JOBS and TRACTORS.

WRITE TODAY FOR FREE BOOK

FREE BOOK **SUNFLOWER INDUSTRIES, INC.** **OLATHE, KANSAS**

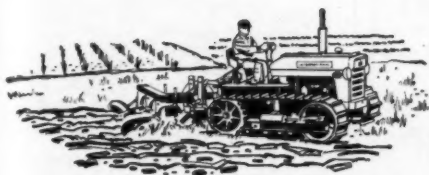
AMERICAN VEGETABLE GROWER

NEW



Now...a 10-speed crawler

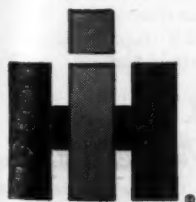
**New International® T-340
with TA outworks all other 3-4-plow
crawlers on your truck farm!**



Try the big difference

Farm a gear faster with 10-speed Torque Amplifier drive! Get field proof that the smooth IH 4-cylinder engine delivers as much as five more drawbar horsepower than other crawlers in its class. Ask your IH dealer to demonstrate planetary steering, powerful, high-volume hydraulics, and all the other big crawler features of the T-340!

**MATCH YOUR
PAYMENTS TO
YOUR INCOME**



See Your

INTERNATIONAL HARVESTER

International Harvester Products pay for themselves in use—Farm Tractors and Equipment...Twine...Industrial Tractors...Motor Trucks...Construction Equipment—General Office, Chicago 1, Illinois.

Dealer

Get over more ground... start crops earlier with a new 10-speed International T-340 crawler!

Famous Torque Amplifier drive hustles your work with 10 speeds forward—two in each gear! And it boosts pull-power up to 45% on-the-go to help you cross soft spots that slow early spring work, or make full-load, U-turns without shift-down delay. Teamed with independent pto, TA also gives pto-sprayers top performance at any speed from 1 to 5.9 mph!

Broad, 5½-foot-long tracks give the T-340 ground-gripping traction even in slippery going. And these light-treading tracks don't pack damp spots or fluffy seedbeds. You can get the T-340 with swinging drawbar or handy 3-point hitch to match your equipment.

TRACTORS

CRAWLER

Allis-Chalmers Mfg. Co., 1126 So. 70th St., Milwaukee 1, Wis.
Caterpillar Tractor Co., 1949 Cleveland, Peoria, Ill.
John Deere, Moline, Ill.
International Harvester Co., 180 N. Michigan Ave., Chicago 1, Ill.
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.
Windolph Tractor Co., 828 S. 21st, Portland 5, Ore.

WHEEL

Allis-Chalmers Mfg. Co., 1126 So. 70th St., Milwaukee 1, Wis.
J. I. Case Co., 700 State St., Racine, Wis.
Caterpillar Tractor Co., 1949 Cleveland, Peoria, Ill.
John Deere, Moline, Ill.
Ford Motor Co., Tractor and Implement Div., Birmingham, Mich.
Friday Tractor Co., Hartford, Mich.
International Harvester Co., 180 N. Michigan Ave., Chicago 1, Ill.



SKIBBE INSECTICIDE-HERBICIDE, SEED & FERTILIZER APPLICATOR

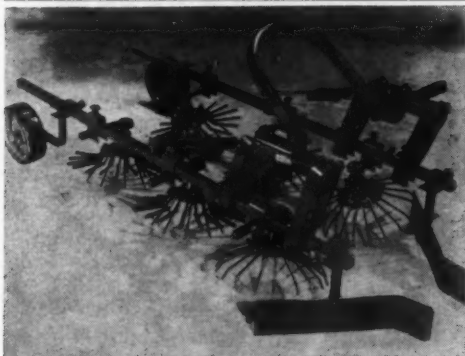
"The spreader with the controllable spread."

Apply materials where you want them in widths of swath desired. Modified, approved and used by the plant pest control branch of a national agency for application of granular insecticides. Used by leading universities and growers.

Write for folder.

SKIBBE MFG. CO.

Sodus, Mich.



(Patent Applied For)

WEEDS AND HOES: Celery, Cabbage, Sweet Corn, Sweet Potatoes, Strawberries, Beans, Peppers, Cucumbers, Melons, Tobacco, Gladiolas, Nursery Stock and Other Planted Crops.

Kills weeds in the crop row.
Thoroughly cultivates top layer of soil.
Mulches swiftly and safely around the plants at speeds of 3 to 5 M.P.H.; prevents soil crusting; prevents ridging.
No root pruning.
Eliminates most hoeing or hand weeding.
Works equally well on flat land or bedded plantings.
Multiple units can be operated on double row cultivator.
Easily attached to most front mounted tractors.

Write for Descriptive Literature and Prices Now

BUDDING INROW WEEDER CO.
Box 54, Dutton, Michigan

CUT YOUR WEEDING COST with a Budding InRow Weeder

Growers report weeding costs cut over 75 per cent.



NOTE: COMPLETE CULTIVATION

Love Tractor Inc., Eau Claire, Mich.
Massey-Ferguson Inc., Racine, Wis.
Minneapolis-Moline Co., Box 1050, Minneapolis 1, Minn.
Portable Aluminum Irrigation Co., Inc., P.O. Box 878, Vista, Calif.
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.

TRACTORS—GARDEN

Ariens Co., Brillion, Wis.
S. L. Allen & Co., Inc., 5th & Glenwood Aves., Philadelphia 40, Pa.
Bolens Products Div., Food Machinery & Chemical Corp., Port Washington, Wis.
Bready Tractor & Implement Co., Solon, Ohio
Engineering Products Co., Waukesha, Wis.
Eshelman Co., 119 Light St., Baltimore, Md.
Garden-All Tractor, Inc., Liberty, Ind.
Gravelly Tractors Inc., Dunbar, W. Va.
Great Lakes Tractor Co., Rock Creek, Ohio
McCune & Co., 3721 Mahoning Ave., Youngstown 9, Ohio
Ottawa Mfg. Co., Ottawa, Kans.
Page Dairy & Farm Equipment Co., 1910 So. 81st St., Milwaukee, Wis.
Pond Garden Tractor Co., Ravenna, Ohio
Portable Aluminum Irrigation Co., Inc., P.O. Box 878, Vista, Calif.
Power King Tractor Co., 9246 W. Appleton Ave., Milwaukee, Wis.
Quick Mfg., Inc., Springfield, Ohio
Red-E Tractor Co., Richfield, Wis.
Roths Industries, Inc., Alma, Mich.
Simplicity Mfg. Co., Port Washington, Wis.
Tiger Tractor Co., Keyser, W. Va.
Universal Mfg. Co., 324 W. 10th St., Indianapolis, Ind.
Windolph Tractor Co., 828 S. 21st Ave., Portland 5, Ore.

TRACTOR UNDERDRIVE

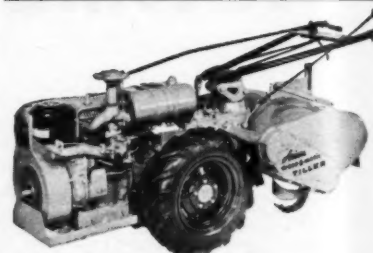
Tractor Specialties, 1650 S. 1st St., San Jose, Calif.

VEGETABLE THINNERS

Dixie Implement Mfg. Co., Dallas, Texas
Eversman Mfg. Co., Inc., Curtis at 5th, Denver, Colo.
Walter Haertel Co., Minneapolis 8, Minn.
Palsgrove Mfg. Co., Canal Winchester, Ohio
Scott Viner Co., Columbus 8, Ohio
Silver Engineering Works, Inc., 3309 Blake St., Denver 5, Colo.
Winter Weiss Co., Denver 2, Colo.

WEEDERS

Armor Farm Implement Co., Box 785, Vancouver, Wash.
R.G. Bruner Mfg. Co., 22516 Hoover Rd., Van Dyke, Mich.
Budding InRow Weeder Co., Dutton, Mich.



FOR TOUGH TILLING JOBS

.. Choose Ariens

TRANS-A-MATIC heavy duty tiller

Power... non-slip traction... dependability... easy handling make Ariens Trans-A-Matic Tillers outstanding for value and performance. 9.0 h.p. and 16.5 h.p. models. Write for details today!

Ariens
183 Calumet Street
Brillion, Wisconsin

AMERICAN VEGETABLE GROWER



Allis-Chalmers Mfg. Co., Milwaukee, Wis.
John Deere, Moline, Ill.
J. I. Case Co., 700 State St., Racine, Wis.
Ferguson Mfg. Co., Chicago 1, Ill.
Massey-Ferguson, Minneapolis-Moline, Minn.
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.

CORN

Acme Mfg. Co., American Planter, John Deere, Moline, Ill.

DRILL

S. L. Allen & Co., Philadelphia 40, Pa.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Campbell-Hausfeld, J. I. Case Co., 700 State St., Racine, Wis.
John Deere, Moline, Ill.
Harbison-Paine, International Harvester Co., Chicago 1, Ill.
Massey-Ferguson, Minneapolis-Moline, Minn.
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.
John Powell Seed Co., Ind.
Roths Industries, Southern Plow Co., Venturi Mfg. Co.

CUT 4

WITH THE SEEDING

Plow

The practical efficiency of tractors-

S. L. AL

Phi

PLANTING EQUIPMENT



CORN PLANTERS

Allis-Chalmers Mfg. Co., Tractor Div., 1126 So. 70th St., Milwaukee, Wis.
John Blue Co., Inc., Huntsville, Alabama
J. I. Case Co., 700 State St., Racine, Wis.
Ferguson Mfg. Co., Inc., Suffolk, Va.
International Harvester Co., 180 N. Michigan Ave., Chicago 1, Ill.
Massey-Ferguson, Inc., Racine, Wis.
Minneapolis-Moline Co., Box 1050, Minneapolis 1, Minn.
Oliver Corp., 400 W. Madison, Chicago 6, Ill.

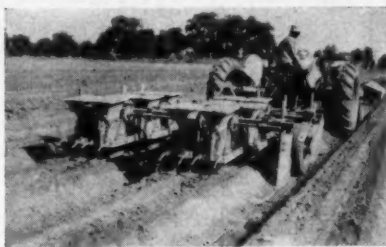
CORN PLANTERS—HAND

Acme Mfg. Co., Traverse City, Mich.
American Planter Co., Burr Oak, Mich.
John Deere, Moline, Ill.

DRILLS AND PLANTERS

S. L. Allen & Co., Inc., 5th & Glenwood, Philadelphia 40, Pa.
Allis-Chalmers Mfg. Co., Tractor Div., 1126 So. 70th St., Milwaukee 1, Wis.
Campbell-Haustfeld Co., Harrison, Ohio
J. I. Case Co., 700 State St., Racine, Wis.
John Deere, Moline, Ill.
Harbison-Paine, Inc., Box 448, Loveland, Colo.
International Harvester Co., 180 N. Michigan Ave., Chicago 1, Ill.
Massey-Ferguson, Inc., Racine, Wis.
Minneapolis-Moline Co., Box 1050, Minneapolis 1, Minn.
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.
John Powell Seeder, 920 S. Armstrong St., Kokomo, Ind.
Roths Industries, Inc., Alma, Mich.
Southern Plow Co., Columbus, Ga.
Venturi Mfg. Co., Oxnard, Calif.

GREATER YIELDS—LOWER COSTS



Actual grower tests prove the Milton planter gives more uniform accuracy of single seed distribution, depth control and ease of operation. Unlike other planters, the 3-dimensional cell machined in a special bronze alloy seed wheel is made to conform to the actual size of the vegetable seeds, insuring accuracy in spacing.

The above picture shows the planter used in Bed Shaper, multi-row planting. 12 or 18 rows can be planted at one time. These machines are being used by growers in California, Arizona, New Mexico and Texas. Commercial growers have learned through use that the Milton is the finest seeder available today and can be easily adapted to bed seeding problems. Milton planters here are individually chain driven although for normal flat bed planting, are ground driven. Each planter can give you 8 separate and distinct seeding rates with any seed wheel by changing the small internal drive gear. The Milton Precision Planter way—is the only modern way.

HARBISON-PAINE, INC.

P.O. Box 448

Loveland, Colorado

CUT COSTS 4 WAYS

WITH THESE "PACKAGED"
SEEDING ATTACHMENTS BY

Planet Jr.

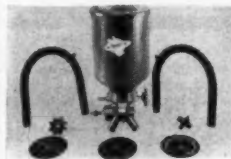
*They work with
practically all large,
efficient high-speed
tractors—do a wide variety
of jobs!*

S. L. ALLEN & CO., Inc.

3419 N. 5th St.
Philadelphia 40, Pa.

1. They assure uniform row planting and absolute depth.
2. Because they're basically similar, seeding plates, tubes and feed wheels are interchangeable, thus permitting a wide variety of jobs.

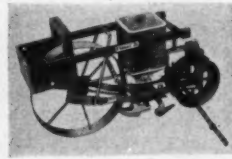
3. Backed by the Planet Jr. 80-year-reputation for quality—they deliver long and carefree service.
4. Planet Jr. "know how" insures maximum results . . . holds costly re-seeding to an absolute minimum.



8197X Vegetable Hopper Unit—plants a wide variety of vegetable seeds . . . including apple, bean, beet, cabbage, corn (in drills), dill, endive, field peas, garlic, kale, leek, lettuce, okra, radish, rice, sage, turnip and many others. Special plate and brush feed wheel available for fine grass seed sowing.



7135X Seeder Unit—used extensively in commercial growing. Takes any size vegetable seed from smallest up to bush limas. Sows through holes in plate, evenly and accurately, planting 1 or 16 rows.



9192X Seeder Unit—same seeding principle as 7135X Unit, with the added advantages of drawbar arch, lifting bales, compression springs and spring loaded scraper; also spacing bar for seeder spacing of 9 to 15 in one inch intervals.

Planet Jr. has a complete line of seeders—from the BIG SIX SEEDER to the small hand unit! There's a seeder for every purpose, and all feature low cost, low maintenance!

Finest in the Field



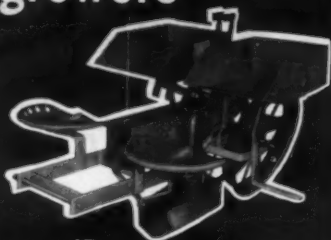
**Write
For
Details
Today!**

S. L. ALLEN & CO., INC.
3419 N. 5th St., Philadelphia 40, Pa.

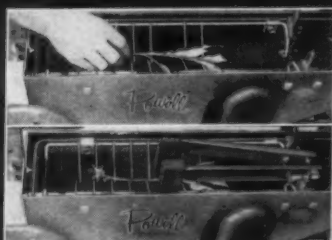
Gentlemen:
Please send me complete details on Planet Jr. "Packaged" Seeding Attachments.

Name _____
Address _____
City _____ Zone _____ State _____

vegetable growers



Powell "42" TRANSPLANTER



Let us demonstrate IN ACTION the many new advanced features of the MODEL "42" including

- the accurate, uniform METER-RITE valve.
- the adjustable-flange packer wheels
- the plant pick-up tray and dual plant hands

GET OUR FREE LITERATURE
AND THE NAME OF
OUR DISTRIBUTOR NEAREST YOU

Powell MANUFACTURING COMPANY, INC.

WILSON, NORTH CAROLINA

FERTILIZER ATTACHMENTS

S. L. Allen & Co., Inc., 5th & Glenwood, Philadelphia 40, Pa.
Ezee Flow Div., Avco, Distributing Corp., 3428 N. Harlem St., Chicago, Ill.
Farmcraft Mfg. Co., Inc., Sheridan Rd., RFD 12, Fort Wayne, Ind.
International Harvester Co., 180 N. Michigan Ave., Chicago 1, Ill.
Mechanical Transplanter Co., Holland, Mich.
Minneapolis-Moline Co., P.O. Box 1050, Minneapolis, Minn.
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.
Tractor and Implement Div., Ford Motor Co., Birmingham, Mich.

FERTILIZER INJECTORS (ANHYDROUS AMMONIA)

John Blue Co., Inc., Huntsville, Ala.
Clark Mfg. Co., Atherton, Mo.
Dempster Mill Mfg. Co., Beatrice, Nebr.
Gotcher Engineering & Mfg. Co., Clarksdale, Miss.
K8H Corp., Clarksville, Miss.
Marvin Landplane Co., P. O. Box 209, Woodland, Calif.

MULCH

BLACK PLASTIC

American Associated Cos., Red Bank, N. J.
Benson-Maclean, Bridgeton, Ind.
Central States Paper and Bag Co., Inc., 5221 Natural Bridge, St. Louis 15, Mo.
Chester Packaging Div., St. Regis Paper Co., 150 E. 42nd St., N. Y., N. Y.
Cincinnati Cordage & Paper Co., E. Wayne & Scott St., Lima, Ohio
Dao Corporation, Terre Haute, Ind.
Florist Products, 1843 Oakton, Des Plaines, Ill.

GENUINE
Warp's
PLASTIC
COVERALL

AS LOW AS
1¢ SQ. FT.

**A Seamless Polyethylene Sheeting
Made in Clear or Sun-Resistant Black**

COVERALL is water-proof, rot-proof, acid-proof. Meets FHA specifications. Durable, inexpensive. The Best Polyethylene Sheeting Money Can Buy. Made by Warp Bros., Chicago 91, Ill.—Established 1924. Originators and Largest Producers of Plastic Sheeting for Farm Use.

Price Per Square Foot	Widths Available—100 Lb. Ft. Rolls
2 Gauge (.002).....1¢ Sq. Ft.	3', 4', 9' & 16 ft. widths
4 Gauge (.004).....2¢ Sq. Ft.	3', 4', 10', 12', 14', 16', 20', 24' & 32 ft. widths
6 Gauge (.006).....3¢ Sq. Ft.	
8 Gauge (.008).....4¢ Sq. Ft.	

VAPOR
BARRIER

OVER BLDG.
WATER

BURST
RESISTANT

HAY
COVERS

SHADE
COVERS

MACHINE
COVERS

Take This Ad With You To Your Local Hardware, Lumber, Implement or Feed Dealer To Be Sure You Get Genuine Warp's COVERALL AT These Low, Low Prices

Gering Products Inc., Kenilworth, N. J.
Glick Twins, Pharr, Texas
Peter & Co., 3618 Lexington Rd., St. Matthews, Ky.
Rough Brothers, 4229 Spring Grove Ave., Cincinnati 23, Ohio
Sound Screen Supplies, Inc., 752 Broadway, N. Y. 3, N. Y.
Warp Bros., Chicago 51, Ill.

TRANSPARENT FILM—See GREENHOUSES, HOT BEDS, COLD FRAMES

ONION SET PLANTERS

S & H Set Onion Planter Co., Pleasant Valley, Iowa

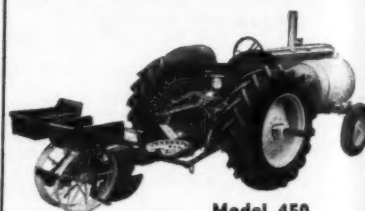
ONION SET TOPPERS

Bolens Products Div., Food Mch. & Chemical Corp., Port Washington, Wis.
Dolphin Machine Works, South Beloit, Ill.

POTATO CUTTERS

Diltz & Wetzel Co., Ithaca, Mich.
Heberlein Mfg. Co., Ault, Colo.
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.
Singer Mfg. Co., Inc., Smithville, Ohio
Albert E. Trexler, Trexler, Pa., P. O. Lenhartsville, Pa.
Burrows Equipment Co., 1316 Sherman Ave., Evanston, Ill.
Producer's Exchange, Inc., 20-32 So. Huron St., Toledo 4, Ohio

ELLIS AUTOMATIC TRANSPLANTERS



Model 450

- **UNMATCHED ACCURACY**
All plants automatically spaced, watered and set at the exact depth desired. Insures a perfect stand, without replanting.
- **INCREASED YIELD**
Growers report a substantial increase in yield as a result of the accurate spacing and quick, even start.

Builders of the World's Most Complete
Line of Quality Transplanters

For Free Literature, Write

D. R. Ellis Mfg. Company
102 Railroad St. Verona, Wisconsin

THERE IS A DIFFERENCE IN TRANSPLANTERS AND YOU CAN SEE THE DIFFERENCE IN THE HOLLAND

Only the Holland automatically plants, spaces and waters your crop with the patented all-rubber plant holder. Only the Holland has the NEW "Startrite" water valve. It will PAY you to see the 1959 Holland before you buy. Why take 2nd best when you can get the original Holland. Its performance will amaze you.



Leaders by over 30 years of experience in building only transplanters. Send for new 12-page catalog of tractor mounted, drawn, self propelled and horse-drawn models for vegetables and tobacco.

Since 1927

HOLLAND TRANSPLANTER COMPANY
341 East 7th St. at Fairbanks HOLLAND, MICHIGAN

POTATO PLANTERS

John Deere, Moline, Ill.
International Harvester Co., Chicago 1, Ill.
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.

POTATO

Treyer Mfg. Co., Chicago 1, Ill.

BIRD

J. E. Fricke Co., San Francisco, Calif.
B. M. Lawrence, San Francisco, Calif.
N. J. Fireworks Co., James McBride, Toronto, Canada
Kee-Joseph Co., Salt Lake City, Utah
Toledo Fireworks

DEER

Nochem Product, Paragon, Inc., Dayton, Ohio
Wacker Dr., Chicago 1, Ill.
State College, La Jolla, Pa.

RODENT

California Spray-Hadonfield, N. J.
Clarion Development, Florist Products, Inc., B. F. Goodrich Co., land 15, Ohio
Medical Service, Chicago 12, Ill.
Panagon, Inc., Dayton, Ohio
Wacker Dr., Chicago 1, Ill.
Ringwood Chemical, Stauffer Chemical Co., N. Y., 636 Cal. Tanglefoot Co., Rapids, Mich.
Thompson Chemical Co., 3600 Monroe

American Cyanamid, feller Plaza, N. J.
Benson-Maclean, California Spray-Hadonfield, N. J.
General Chemical, Rector St., N. J.
Miller Chemical Co., St. Baltimore
Monsanto Chemical Co., St. Louis 24, Mo.
S. B. Penick & Co., John Powell & Co., N. Y., 636 Cal.

SHEET
Engine Parts Mfg. Co., Ohio

Lindig Mfg. Co., 13, Minn.
W-W Grinder Co., TRAN

Allen Co., Pittsburg, Mo.
Geo. J. Ball, Inc., Benson-Maclean, Bird & Son Inc., Dao Corporation, Florist Products, Producer's Exchange, Toledo 4, Ohio
Vaughan's Seed

TRANSPANTER
John Deere, Moline, Ill.
D. R. Ellis Mfg. Co., Verona, Wis.
Holland Transplanter, Holland, Mich.
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.
Powell Mfg. Co., Chicago 1, Ill.

TRA
Lynchburg Plant

PE

Trial L
1 1/4-inch Squ
2 1/4-inch Squ
2 1/4-inch Rou
2 1/4-inch Rou
3-inch Rou
3-inch Squar
4-inch Round
Note that we have all as \$6.00 per plastic pots the best for ton 43, Indi

JULY, 1959

AMERICAN VEGETABLE GROWER

POTATO PLANTERS (ONE AND TWO-ROW)

John Deere, Moline, Ill.
International Harvester Co., 180 N. Michigan Ave.,
Chicago 1, Ill.
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.

POTATO SEED TREATERS

Troyer Mfg. Co., Smithville, Ohio
REPELLENTS

BIRD

J. E. Fricke Co., 40 N. Front, Philadelphia 6, Pa.
B. M. Lawrence Co., 244 California St., San Francisco, Calif.
N. J. Fireworks Co., Vineland, N. J.
James McBride, 66 2nd St., No., Stony Creek, Ontario, Canada
Reed-Joseph Co., Greenville, Miss.
Salt Lake Stamp Co., 51 W. 3rd St. So., Salt Lake City, Utah
Toledo Fireworks Co., 5071 Winona, Toledo 13, Ohio

DEER

Neoschem Products Co., Inc., Neosho, Mo.
Panogen, Inc., Div. of Morton Chemical Co., 110 N. Wacker Dr., Chicago 6, Ill.
State College Laboratories, Inc., Box 49, State College, Pa.

RODENT

California Spray-Chemical Corp., Richmond, Calif.
Haddonfield, N. J.
Clarion Development Co., Clarion, Pa.
Florist Products, 1843 Oakton, Des Plaines, Ill.
B. F. Goodrich Chemical Co., 2060 E. 9th St., Cleveland 15, Ohio
Medical Service Corp., 130 No. Campbell Ave., Chicago 12, Ill.
Panogen, Inc., Div. of Morton Chemical Co., 110 N. Wacker Dr., Chicago 6, Ill.
Ringwood Chemical Co., Ringwood, Ill.
Stauffer Chemical Co., 380 Madison Ave., N. Y. 17, N. Y.
Tanglefoot Co., 314 Straight Ave., N. W., Grand Rapids, Mich.
Thompson Chemicals Corp., 3028 Locust, St. Louis 3, Mo.
3600 Monon, Los Angeles 27, Calif.

RODENTICIDES

American Cyanamid Co., Agricultural Div., 30 Rockefeller Plaza, N. Y. 20, N. Y.
Benson-MacLean, Bridgeton, Ind.
California Spray-Chemical Corp., Richmond, Calif.
Haddonfield, N. J.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N. Y. 6, N. Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Monsanto Chemical Co., Lindberg & Olive St. Road, St. Louis 24, Mo.
S. B. Penick & Co., 50 Church St., New York 8, N. Y.
John Powell & Co., Inc., One Park, N. Y. 16, N. Y.
Stauffer Chemical Co., 380 Madison Ave., N. Y. 17, N. Y.
N. Y., 636 California St., San Francisco, Calif.

SHEET MULCH APPLICATOR

Engine Parts Mfg. Co., 1360 W. 9th St., Cleveland, Ohio

SOIL SHREDDERS

Lindig Mfg. Co., 1875 West County Rd., C. St. Paul 13, Minn.
W-W Grinder Corp., Wichita 4, Kans.

TRANSPLANT CONTAINERS

Allan Co., Pittsford, N. J.
Geo. J. Ball, Inc., W. Chicago, Ill.
Benson-MacLean, Bridgeton, Ind.
Bird & Son Inc., East Walpole, Mass.
Dao Corporation, Terre Haute, Ind.
Florist Products, 1843 Oakton, Des Plaines, Ill.
Producer's Exchange, Inc., 20-32 So. Huron St., Toledo 4, Ohio
Vaughan's Seed Co., 601 W. Jackson, Chicago 6, Ill.

TRANSPLANTERS (CABBAGE, CELERY & TOMATO)

John Deere, Moline, Ill.
D. R. Ellis Mfg. Co., Verona, Wis.
Holland Transplanter Co., Holland, Michigan
Mechanical Transplanter Co., 1150 S. Central Ave., Holland, Mich.
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.
Powell Mfg. Co., Inc., Wilson, N. C.

TRANSPLANTERS—HAND

Lynchburg Planter Mfg. Co., Lynchburg, Va.

PEAT POTS

Trial Lots for Quantity Growers

1 1/4-inch Square — 300 pots, \$ 4.95 Prepaid
2 1/4-inch Square — 200 pots, \$ 5.59 Prepaid
2 1/4-inch Round — 500 pots, \$ 9.95 Prepaid
2 1/4-inch Round — 1000 pots, \$14.65 Prepaid
3-inch Round — 1000 pots, \$15.65 Prepaid
3-inch Square — Trial 100 pots, \$3.89 Prepaid
4-inch Round — Trial 100 pots, \$6.89 Prepaid

Note that we pay delivery on all above offers. We have all other sizes; lowest prices (as low as \$6.00 per M). Immediate delivery. Also plastic pots YOU CAN SHIP or PLANT like the peat pots! BENSON-MACLEAN, Bridgeton 43, Indiana.

BRAND-NEW PRODUCT

"CAW-CAW"
Anti-Crow
FUSE ROPE

DOES A BANG-UP JOB protecting crops against bird and animal damage—KEEPS CROWS AND OTHER BIRDS out of Cornfields and Orchards.

CAW-CAW fuse rope is low in cost. Fire crackers or cherry bombs can be placed in the strands. As CAW-CAW burns, the fire crackers drop and explode, keeping crows and other farm "burglars" on the run! CAW-CAW comes ready to be cut to any length as needed. CAW-CAW is effective—economical. Write today for full details and prices.

TOLEDO FIREWORKS CO.
5071 Winona Toledo 12, Ohio

SLOW BURNING!
4 feet burns approx. 6 to 8 hours

FARM-TESTED AND PROVED!

ZON SCARECROW

Positive protection. Uses carbide or acetylene. No pilot. Retail \$59.50. Distributorships and dealerships available. Stocks in San Francisco, New Orleans & Baltimore.
B. M. LAWRENCE & CO.
244 California Street
San Francisco 11, Calif.

ONE-TIME PEAT MOSS POTS

ONE-TIME PEAT MOSS POTS are made of organic Peat Moss with growth nutrients added. They form humus, stimulate growth, have high moisture retention, permit better root aeration, are sterilized. Plants grow stronger, healthier and two to four weeks faster. No transplant shock. Ideal for all types of vegetables and fruits.

Send for price list and sizes on VISQUEEN Polyethylene film—black or natural. Mulch, silos, silopacs, equipment covers 1001 uses.



THE DAO CORPORATION
P.O. Box 659
Terre Haute, Indiana

SCARE-AWAY

Loudest & most reliable scare device available. Costs 15¢ per day to operate. Has adjustable gas regulator. Operates on carbide or acetylene. Low retail cost. Dealer inquiries invited.

REED-JOSEPH COMPANY
Greenville, Miss.



VAL-PEAT® POTS

**BETTER—STURDIER
AMERICAN MADE
"FULL DIMENSIONAL"**

Val-Peat Pot sizes are inside top diameters "full dimensional." Our new 2 1/4 in. square Val-Peat Pots hold 42% more soil than other peat pots of the same stated dimensions. Our 2 1/4 in. round Val-Peat Pots also hold more soil than other brands.

**ORDER VAL-PEAT POTS AND
RECEIVE FULL MEASURE**

Round
Sizes
2 1/4 in.
3 in.
4 in.



Square
Sizes
1 3/4 in.
2 1/4 in.
3 in.

They are sturdy yet porous enough to provide aeration and penetration of plant roots promoting faster and heavier growth. Eliminates transplant shock, growth check and pot removal.

**EARLIER AND LARGER CROPS
TOMATOES — CUCUMBERS
PEPPERS — MELONS — EGG PLANT**

Send for price circular and samples

Vaughan's Seed Co.

601 W. Jackson Blvd., Chicago 6, Ill.
85 White St., New York 13, N.Y.
® Reg. U.S. Pat. Off.

ONLY THE GENUINE MECHANICAL TRANSPLANTER

***IRRIGATES TRANSPLANTS —
— ON THE SPOT! —**

With Exclusive Automatic Flo-Check Water Valve with "Magic Air Control"

*** SETS MORE PLANTS PER HOUR
* SETS THEM 100% PERFECT
TOBACCO, SWEET POTATOES,
LETTUCE, STRAWBERRIES, ETC.**

Write For Latest Information
on Transplanting, also Price
List

Dealer Inquiries Invited

MECHANICAL TRANSPLANTER CO.
CENTRAL AT U.S. 31 HOLLAND, MICH.



FEATURES

- POSITIVE ACTION NEOPRENE GRIPPERS
- QUICK-CHANGE SPACING
- BRONZE OILITE MAIN BEARINGS
- ADJUSTABLE PLANT TRAYS
- TRACTOR MOUNTED OR DRAWN MODELS



IRRIGATION AND DRAINAGE



COUPLINGS, PIPE

W. R. Ames Co., 1001 Dempsey Rd., Milpitas, Calif.
John Bean Div., Food Machinery & Chemical Corp.,
Lansing, Mich., and San Jose, Calif.
Champion Corp., Hammond, Ind.
Chicago Metal Mfg. Co., 37th & So. Rockwell, Chi-
cago 32, Ill.
Dragon Engineering Co., 627 McClary, Oakland,
Calif.
Evans Orchard Supply Co., 305 Delaware, Kansas
City, Mo.
Farmland Irrigation Co., Inc., 64 Barnard Ave., San
Jose, Calif.
Florist Products, 1843 Oakton, Des Plaines, Ill.
Irrigation Equip. Co., Inc., Eugene, Ore.
McDowell Mfg. Co., 301 Stanton Ave., Pittsburgh 9,
Pa.
Michigan Orchard Supply Co., South Haven, Mich.
Moulton Irrigation Co., Withrow, Minn.
Pierce Irrigation, 245 Blair Blvd., P.O. Box 528,
Eugene, Ore.
Portable Aluminum Irrigation Co., Inc., P.O. Box 878,
Vista, Calif.
Race & Race, Inc., Winter Haven, Fla.
Rain Control, Inc., Hudson, Mich.
Shur-Rane, Dept. of John Bean Western Div., Food
Machinery & Chemical Corp., San Jose, Calif.
Wade' Rain, 1919 N. W. Thurman, Portland 9, Ore.

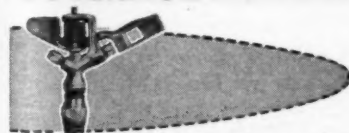
DITCHERS, FURROWERS, SCRAPERS, LEVELERS

Allis-Chalmers Mfg. Co., 1126 S. 70th St., Milwaukee
1, Wis.
Arps Corporation, New Holstein, Wis.
Caterpillar Tractor Co., 1949 Cleveland Ave., Peoria,
Ill.
Chattin Ditcher Co., Boise, Idaho
Danuser Machine Co., Fulton, Mo.
John Deere, Moline, Ill.
Eversman Mfg. Co., 1145 5th Ave., Denver, Colo.
Gledhill Road Mch. Co., Galion, Ohio
International Harvester Co., 180 N. Michigan Ave.,
Chicago 1, Ill.
Marvin Landplane Co., Box 209, Woodland, Calif.
Owensboro Ditcher & Grader Co., Owensboro, Ky.
Towner Mfg. Co., Santa Ana, Calif.

ENGINES

Allis-Chalmers Mfg. Co., 1126 S. 70th St., Milwaukee
1, Wis.
Briggs & Stratton Corp., 2711 N. 13th St., Milwaukee
1, Wis.

BUCKNER GIVES Best Effective COVERAGE PATTERN



Independent tests under field conditions
prove Buckner Rainers give best *effective*
coverage patterns, plus small droplets of
water for slow, positive penetration. From
sprinkler to sprinkler, Buckner irrigates best.

Plus The Original SANDPROOF BEARING

Buckner's GGG Bearing* is the
only bearing with three washers
at both top and bottom for a bet-
ter sandproof seal, self-starting
rotation and longer sprinkler life.



See Your Local Buckner Dealer



P. O. BOX 272, FRESNO, CALIFORNIA

J. I. Case Co., 700 State St., Racine, Wis.
Caterpillar Tractor Co., 1949 Cleveland Ave., Peoria,
Ill.
Chrysler Corp., Indus. Eng. Div., 12200 E. Jefferson,
Detroit, Mich.
Clinton Machine Co., Maquoketa, Iowa
Continental Motors Corp., Muskegon, Mich.
Cushman Motor Works, 900 N. 21st St., Lincoln 1,
Nebr.
John Deere, Moline, Ill.
Fairbanks, Morse & Co., 600 S. Michigan Ave., Chi-
cago 5, Ill.
Ford Motor Co., Dearborn, Mich.
Friend Mfg. Co., Gasport, N. Y.
GM, Detroit Diesel Div., Detroit, Mich.
Hercules Motors Corp., 200 11th St. S.E., Canton,
Ohio
International Harvester Co., 180 N. Michigan Ave.,
Chicago 1, Ill.
Kohler Co., Kohler, Wis.
Lauson Div., Tecumseh Products, New Holstein, Wis.
Motor Products Co., Div. of Tecumseh Products,
Grafton, Wis.
The F. E. Myers & Bro. Co., Ashland, Ohio
Niagara Chemical Div., Food Machinery & Chemi-
cal Corp., Middleport, N.Y.
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.
D. W. Onan & Sons, Inc., University Ave. S.E. at
25th, Minneapolis, Minn.
Rain Control, Inc., Hudson, Mich.
United States Motors Corp., Oshkosh, Wis.
Waukesha Motor Co., Waukesha, Wis.
Wisconsin Motor Corp., 1910 S. 53rd, Milwaukee 6,
Wis.

FERTILIZER INJECTORS

Dragon Engineering Co., 627 McClary, Oakland 2,
Calif.
General Metals, Inc., 858 Goldsboro St., Greens-
boro, N. C.
Marvin Landplane Co., P.O. Box 209, Woodland,
Calif.
Michigan Orchard Supply Co., South Haven, Mich.
Portable Aluminum Irrigation Co., Inc., P.O. Box 878,
Vista, Calif.

HOSE

Agricultural Rubber Products Corp., 103 Warren St.,
New York, N. Y.
John Bean Div., Food Machinery & Chemical Corp.,
Lansing, Mich., and San Jose, Calif.
Florist Products, 1843 Oakton, Des Plaines, Ill.
The Gates Rubber Co., 999 S. Broadway,
Denver 17, Colo.

Lincoln Tent & Awning, Lincoln, Nebr.
Wade' Rain, 1919 N.W. Thurman, Portland 9, Ore.

METAL

W. R. Ames Co., 1001 Dempsey Rd., Milpitas, Calif.
Champion Corp., Hammond, Ind.
Chicago Metal Mfg. Co., 37th & Rockwell, Chicago
32, Ill.

REEL

Oldfield Equipment Co., 430 W. Seymour Ave., Cin-
cinnati 16, Ohio

SUCTION

Agricultural Rubber Products Corp., 103 Warren St.,
New York, N. Y.

MOISTURE METERS

W. R. Ames Co., 1001 Dempsey Rd., Milpitas, Calif.
General Scientific Equipment Co., Hamden, Conn.
Industrial Instruments, Inc., 89 Commerce Rd., Cedar
Grove, N. J.
Irrigation Eng. Co., 2809 E. Foothill Blvd., Pasadena,
Calif.
National Agri. Supply Co., Fort Atkinson, Wis.
Stoller Research Co., P.O. Box 1071, Santa Cruz, Calif.

PIPE

ASBESTOS-CEMENT
Johns-Manville Corp., 22 E. 40 St., N. Y. 16, N. Y.

METAL

Albert Pipe Supply Co., Inc., Berry & No. 13th St.,
Brooklyn, N.Y.
W. R. Ames Co., 1001 Dempsey Rd., Milpitas, Calif.
John Bean Div., Food Machinery & Chemical Corp.,
Lansing, Mich., and San Jose, Calif.
Champion Corp., Hammond, Ind.
Chase Brass & Copper Co., Waterbury, Conn.
Chicago Metal Mfg. Co., 37th & So. Rockwell, Chi-
cago 32, Ill.

Michigan Orchard Supply Co., South Haven, Mich.
National Tube Div., U. S. Steel Corp., Wm. Penn
Place, Pittsburgh 30, Pa.
Race & Race Inc., Winter Haven, Fla.
Rainbow Sales Co., Chattanooga, Tenn.
Republic Steel Corp., Republic Bldg., Cleveland 1,
Ohio
Revere Copper & Brass Inc., 230 Park Ave., N. Y. 17,
N. Y.
Wade' Rain, 1919 N.W. Thurman, Portland 9, Ore.

PERFORATED

W. R. Ames Co., 1001 Dempsey Rd., Milpitas, Calif.
Race & Race Inc., Winter Haven, Fla.
Wade' Rain, 1919 N.W. Thurman, Portland 9, Ore.

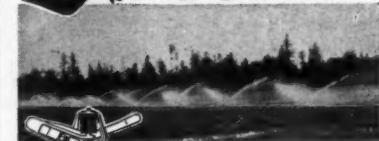
PLASTIC

Carlson Products Corp., 10225 Meech, Cleveland 5,
Ohio
Florist Products, 1843 Oakton, Des Plaines, Ill.
Manufacturers Corp. of Ohio, Mansfield, Ohio
National Tube Div., U. S. Steel Co., William Penn
Place, Pittsburgh 30, Pa.
Triangle Conduit & Cable Co., Jersey Ave., New
Brunswick, N. J.
Trinity Products, Inc., Trinity, Texas
Wade' Rain, 1919 N.W. Thurman, Portland 9, Ore.
Yardley Plastic Co., Columbus, Ohio

PORTABLE, METAL

Aluminum Corp. of America, 425 Sixth Ave., Pitts-
burgh, Pa.
W. R. Ames Co., 1001 Dempsey Rd., Milpitas, Calif.
John Bean Div., Food Machinery & Chemical Corp.,
Lansing, Mich., and San Jose, Calif.
California Ladder Co., Inc., 13636 Foxley Dr., Whit-
tier, Calif.
Champion Corp., Hammond, Ind.
Chicago Metal Mfg. Co., 37th & So. Rockwell, Chi-
cago 32, Ill.
Evans Orchard Supply Co., 305 Delaware, Kansas
City, Mo.

**GIVE
DRY WEATHER
THE BIRD...**



**RAIN BIRD,
of course!**

There are handsome dividends
to be earned in providing your
own weather for crops and pas-
ture...there's no better way
to do this than with Rain Bird
Sprinklers. Get water where
you want it, when you want it!

Single installations have more
than doubled—even tripled—
yields and insured stability of
crop income. See your dealer.

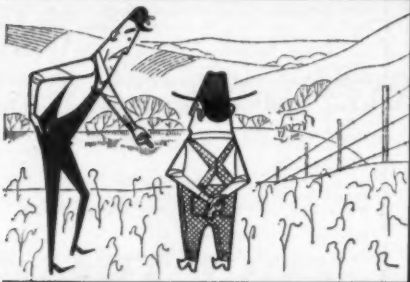
Write for free information.



NATIONAL RAIN BIRD SALES
& ENGINEERING CORP.
Azusa, California
RAINY SPRINKLER SALES
609 West Lake Street, Peoria, Illinois



Skinny Frank Smith was the county's worst grouch. Seemed headed straight for an analyst's couch. He had a big problem that really was bad; "My crops just won't grow, that's what's making me mad!"



"It's water they're needing," said Weber his friend. "I know that!" cried Smith, his nerves straight on end, "But what can I do when my pond's down the hill, And my crops way up here looking droopy and ill."



"If that's your big problem," said Weber, a-grin "This answer will sure make you happy agin: Get USS National Polyethylene Pipe To bring up your water and keep your crops ripe."



A snap to install; it's so easy to do, Why it goes anywhere that you might want it to. So now Frank Smith is no longer a grouch, He's calm and contented—as his smile will vouch!

Remember, USS National Polyethylene Pipe unrolls like a hose, resists acids, alkalis and rot, performs efficiently in a temperature range of -90°F. to $+120^{\circ}\text{F.}$, and won't crack or break in sub-zero weather.

National Polyethylene Pipe comes in lengths up to 400 feet, in diameters from $\frac{1}{2}$ " to 6". And, it's made of 100% virgin polyethylene plastic to which 3% carbon black filler has been added to prevent deterioration from ultra-violet rays. Insert fittings in nylon and styrene copolymers (NSF) are now available from National Tube. For complete information, write to National Tube Division, United States Steel, 525 William Penn Place, Pittsburgh 30, Pa., or see your nearest National Polyethylene Pipe Distributor.

USS and National are registered trademarks

The world's largest and most experienced manufacturer of tubular products

National Tube Division of USS United States Steel

Columbia-Geneva Steel Division, San Francisco, Pacific Coast Distributors; United States Steel Export Company, New York

This seal of the National Sanitation Foundation means Tested ... Approved ... Sanitary!



USS National Polyethylene Pipe



IRRIGATION & DRAINAGE

Florist Products, 1843 Oakton, Des Plaines, Ill.
Irrigation Equip. Co., Inc., Eugene, Ore.
McDowell Mfg. Co., 301 Stanton Ave., Pittsburgh, Pa.
Michigan Orchard Supply Co., South Haven, Mich.
Moulton Irrigation Co., Withrow, Minn.
Race & Race Inc., Winter Haven, Fla.
Rainbow Sales Co., Chattanooga, Tenn.
Rain Control, Inc., Hudson, Mich.
Reynolds Metals Co., 6601 W. Broad St., Richmond 18, Va.
Wade' Rain, 1919 N.W. Thurman, Portland 9, Ore.

PIPE CARRIER

Kellam Co., Biscoe, N.C.

PIPE REPAIR, ALUMINUM

Aluminum Supply Co., Tubing Div., No. 800 Fenchel Way, Spokane, Wash.

PUMPS

CENTRIFUGAL

Barnes Mfg. Co., Mansfield, Ohio
Continental Belton Co., Belton, Tex.
Deming Co., Salem, Ohio
Fairbanks, Morse, 600 S. Michigan Ave., Chicago 5, Ill.
Gorman-Rupp Co., Mansfield, Ohio
Goulds Pumps, Inc., Seneca Falls, N. Y.
Hale Fire Pump Co., Conshohocken, Pa.
Homelite Div. of Textron, Inc., Port Chester, N.Y.
Jucuzzi Bros., Inc., Richmond, Calif.
Lobes Pump & Machinery Co., Gasport, N.Y.
Marlow Pumps Div. of Bell & Gossett Co., Box 200, Midland Park, N. J.
F. E. Myers & Bro. Co., Ashland, Ohio
Peerless Pump Div., Food Mch'y. & Chem. Corp., Indianapolis, Ind.; Los Angeles 31, Calif.
Portable Aluminum Irrigation Co., Inc., P.O. Box 678, Vista, Calif.
Rain Control, Inc., Hudson, Mich.

DEEP WELL

Deming Co., Salem, Ohio
Fairbanks, Morse, 600 S. Michigan, Chicago 5, Ill.
Goulds Pumps, Inc., Seneca Falls, N. Y.
F. E. Myers & Bro. Co., Mansfield, Ohio
Peerless Pump Div., Food Mch'y. & Chem. Corp., Indianapolis, Ind.; Los Angeles 31, Calif.

PORTABLE

Allis-Chalmers Mfg. Co., 1126 So. 70th St., Milwaukee, Wis.
Barnes Mfg. Co., Mansfield, Ohio
Ralph B. Carter Co., 210 Atlantic St., Hackensack, N. J.
Carver Pump Co., Muscatine, Iowa
Deming Co., Salem, Ohio
Gorman-Rupp Co., Mansfield, Ohio

RAIN GAUGES

Tru-Chek Rain Gauge Co., 100 North Broadway, Albert Lea, Minn.

SPRINKLER SYSTEMS

W. R. Ames Co., 1001 Dempsey Rd., Milpitas, Calif.
John Bean Division, Food Machinery & Chemical Corp., San Jose, Calif.
Buckner Mfg. Co., Fresno, Calif.
Champion Corp., Hammond, Ind.
Chicago Metals Mfg. Co., 37th & S. Rockwell, Chicago 32, Ill.
Farmland Irrigation Co., Inc., 64 Barnard Ave., San Jose, Calif.
Florist Products, 1843 Oakton, Des Plaines, Ill.
Irrigation Equipment Co., Inc., Eugene, Ore.
McCune & Co., 3721 Mahoning Ave., Youngstown 9, Ohio
McDowell Mfg. Co., Pittsburgh 9, Pa.
Michigan Orchard Supply Co., South Haven, Mich.
National Rain Bird Sales & Eng. Corp., Azusa, Calif.
Olin-Mathieson Chemical Co., Mathieson Bldg., Baltimore 3, Md.
Portable Aluminum Irrigation Co., Inc., P.O. Box 878, Vista, Calif.
Rainbow Sales Co., Chattanooga, Tenn.
Rain Control, Inc., Hudson, Mich.
Rainy Sprinkler Sales, 609 W. Lake St., Peoria, Ill.
Shur-Rane, Dept. of John Bean Western Div., Food Machinery & Chem. Corp., San Jose, Calif.
Skinner Irrigation Co., 803 Water St., Troy, Ohio
Sodus Fruit Exchange, Sodus, Mich.
Wade' Rain, 1919 N.W. Thurman, Portland 9, Ore.
Whiteshows, Inc., 17514 Woodward, Detroit, Mich.

SPRINKLER HEADS, REVOLVING

Buckner Mfg. Co., Fresno, Calif.
Florist Products, 1843 Oakton, Des Plaines, Ill.
National Rain Bird Sales & Eng. Corp., Azusa, Calif.
Rainy Sprinkler Sales, Peoria, Ill.
Rain Control, Inc., Hudson, Mich.
Skinner Irrigation Co., 803 Water St., Troy, Ohio

VALVES, HYDRANT-TYPE

McDowell Mfg. Co., 301 Stanton, Pittsburgh 9, Pa.
Portable Aluminum Irrigation Co., Inc., P.O. Box 678, Vista, Calif.
Rain Control, Inc., Hudson, Mich.
Wade' Rain, 1919 N.W. Thurman, Portland 9, Ore.

AMERICAN VEGETABLE GROWER

SP

John Bean Div., Lansing, Mich.
Besler Corp., 405 Friend Mfg. Co., W. L. Hamilton Hardie Mfg. Div., Wilkes-Barre, H. D. Hudson M., The F. E. Myers

AIR

John Bean Div., Lansing, Mich.
Besler Corp., 405 Buffalo Turbine, N. Y.
Friend Mfg. Co., Hardie Mfg. Div., Wilkes-Barre, Kraus & Noonan KWH Mistblow, Vandermolen, Nutley 10, N. The F. E. Myers Oliver Corp., A Trump Sales, L.

Send FREE

Your guide to a

BESLER

4053 Harlan St. En

LIGHTWEIGHT

SPRAYER

Homelite Div., National Agri., KWH Mistblow, Vandermolen, Nutley 10, N.

CONV

John Bean Div., Lansing, Mich.
Besler Corp., 405 Friend Mfg. Co., Hardie Mfg. Div., Wilkes-Barre, H. D. Hudson M., The F. E. Myers Oliver Corp., A Trump Sales, L.

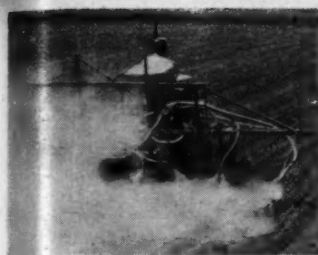
SAVE T

Do a B of SP

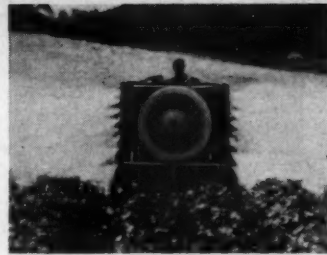
with our BLOWER gasoline

TR For VAN 316 Bloomf

JULY, 1959



SPRAYING & DUSTING EQUIPMENT



SPRAYERS

BOOMS, MASTS, SWIVELS

John Bean Div., Food Machinery & Chemical Corp.,
Lansing, Mich.
Besler Corp., 4053 Harlan St., Oakland 8, Calif.
Friend Mfg. Co., Gasport, N. Y.
W. L. Hamilton & Co., Bangor, Mich.
Hardie Mfg. Div., Vulcan Iron Works, 730 S. Main St.,
Wilkes-Barre, Pa.
H. D. Hudson Mfg. Co., 589 E. Illinois, Chicago, Ill.
The F. E. Myers & Bro. Co., Ashland, Ohio

CONCENTRATE

AIR
John Bean Div., Food Machinery & Chemical Corp.,
Lansing, Mich.; San Jose, Calif.
Besler Corp., 4053 Harlan St., Oakland 8, Calif.
Buffalo Turbine Agri. Equip. Co., Inc., Gowanda,
N. Y.
Friend Mfg. Co., Gasport, N. Y.
Hardie Mfg. Div., Vulcan Iron Works, 730 S. Main St.,
Wilkes-Barre, Pa.
Kraus & Noonan, Box 977, Modesto, Calif.
KWH Mistblower Factories, Eastern U.S. Sales Div.:
Vandermolen Export Co., 316 Bloomfield Ave.,
Nutley 10, N. J.
The F. E. Myers & Bro. Co., Ashland, Ohio
Oliver Corp., A. B. Farquhar Div., York, Pa.
Trump Sales, Ltd., Box 160, Oliver, B. C., Canada

Send for this
FREE Booklet

Your guide to air carrier spraying.



BESLER CORP.

4053 Harlan St. Emeryville, Oakland 8, Calif.

LIGHTWEIGHT PORTABLE MIST SPRAYERS

Homelite Div. of Textron, Inc., Port Chester, N. Y.
National Agri. Supply Co., Fort Atkinson, Wis.
KWH Mistblower Factories, Eastern U.S. Sales Div.:
Vandermolen Export Co., 316 Bloomfield Ave.,
Nutley 10, N. J.

CONVERSION BLOWER UNITS

John Bean Div., Food Machinery & Chemical Corp.,
Lansing, Mich.; San Jose, Calif.
Besler Corp., 4053 Harlan St., Oakland 8, Calif.
Friend Mfg. Co., Gasport, N. Y.
Hardie Mfg. Div., Vulcan Iron Works, 730 S. Main St.,
Wilkes-Barre, Pa.
H. D. Hudson Mfg. Co., 589 E. Illinois St., Chicago
Ill.
KWH Mistblower Factories, Eastern U.S. Sales Div.:
Vandermolen Export Co., 316 Bloomfield Ave.,
Nutley 10, N. J.
Rear's Farm Service, Eugene, Ore.



SAVE TIME SAVE LABOR
Do a BETTER and FASTER job
of SPRAYING and DUSTING

with our KWH shoulder mounted MIST-
BLOWER and DUSTER, powered by
gasoline engine (1 and 3 HP Models).

TRACTOR MODELS: 6-36 HP.

For literature and prices write to:

VANDERMOLLEN EXPORT CO.

316 Bloomfield Ave. NUTLEY 10, N.J.

HYDRAULIC POWER SPRAYERS

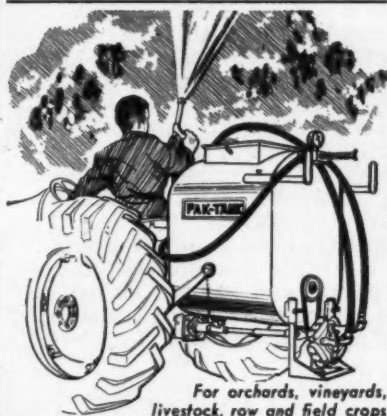
Aerosprayer Co., Neodesha, Kansas.
John Bean Div., Food Machinery & Chemical Corp.,
Lansing, Mich.; San Jose, Calif.
Besler Corp., 4053 Harlan St., Oakland 8, Calif.
Buffalo Turbine Agri. Equipment Co., Inc., Go-
wanda, N. Y.
Champion Sprayer Co., 6519 Heintz Ave., Detroit
11, Mich.
Farmhand Company Div., Superior Separator Co.,
Hopkins, Minn.
Farmrite Sprayer Inc., Juneau, Wis.
Friend Mfg. Co., Gasport, N. Y.
Hale Fire Pump Co., Conshohocken, Pa.
Hanson Chemical Equipment Co., Beloit, Wis.
Hardie Mfg. Div., Vulcan Iron Works, 730 S. Main St.,
Wilkes-Barre, Pa.
H. D. Hudson Mfg. Co., 589 E. Illinois St., Chicago
11, Ill.
The F. E. Myers & Bro. Co., Ashland, Ohio
Oakes Mfg. Co., 516 Dearborn St., Tipton, Ind.
Oliver Corp., A. B. Farquhar Div., York, Pa.
Rear's Farm Service, 755 River Ave., Eugene, Ore.

KNAPSACK AND HAND SPRAYERS

Champion Sprayer Co., 6519 Heintz Ave., Detroit
11, Mich.
Florist Products, 1843 Oakton, Des Plaines, Ill.
H. D. Hudson Mfg. Co., 589 E. Illinois St., Chicago
11, Ill.
KWH Mistblower Factories, Eastern U.S. Sales Div.:
Vandermolen Export Co., 316 Bloomfield Ave.,
Nutley 10, N. J.
The F. E. Myers & Bro. Co., Ashland, Ohio
Oakes Mfg. Co., Tipton, Ind.

NOZZLES, GUNS & BROOMS

John Bacon Co., Gasport, N. Y.
John Bean Div., Food Machinery & Chemical Corp.,



For orchards, vineyards,
livestock, row and field crops

PAK-TANK SPRAYER

as low as

\$330

f.o.b. Eugene
(without hose,
gun or trigger)

- Four to eight-piston pump delivers up to 22 gal-
lons per minute at 500 pounds pressure.
- Stainless steel fittings, anti-friction ball bearings,
chrome nickel replaceable sleeves.
- 100-gal. welded steel tank with mechanical agi-
tation to keep heaviest materials in suspension.
- Blood Bros. universal joint to match any p.t.
position.

Distributed by:

MICHIGAN ORCHARD SUPPLY, South Haven,
Mich.

JOHN'S EQUIPMENT CO., Farmville, Va.
NEW WAY FARM SALES, Columbus, Ohio
BATTLEGROUND FARMS, Freehold, N. J.
NEW ENGLAND IRRIGATION CO., Warehouse
Point, Conn.

A. E. ROBINSON, INC., Kansas City, Mo.

or write directly to

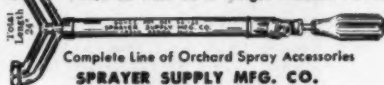
REAR'S FARM SERVICE

755 River Ave. Eugene, Ore.

Lansing, Mich.; San Jose, Calif.
Champion Sprayer Co., 6519 Heintz Ave., Detroit
11, Mich.
Farmhand Company Div., Superior Separator Co.,
Hopkins, Minn.
Friend Mfg. Co., Gasport, N. Y.
W. L. Hamilton & Co., Bangor, Mich.
Hanson Chemical & Equipment Co., Beloit, Wis.
Hardie Mfg. Div., Vulcan Iron Works, 730 S. Main St.,
Wilkes-Barre, Pa.
H. D. Hudson Mfg. Co., 589 E. Illinois St., Chicago
11, Ill.
Ken Standard Corp., Evansville, Ind.
The F. E. Myers & Bro. Co., Ashland, Ohio
Niagara Chemical Div., Food Machinery & Chem-
ical Corp., Middleport, N. Y.
Oliver Corp., A. B. Farquhar Div., York, Pa.
Sprayer Supply Mfg. Co., 225 Front Ave., N.W.,
Grand Rapids, Mich.
Spraying Systems, Bellwood, Ill.
Tyson Orchard Service, Flora Dale, Pa.

New Boyce Double Spray Gun

The Fan Shaped Spray Covers Better and
Twice as Fast as a Single Nozzle Device



Complete Line of Orchard Spray Accessories

SPRAYER SUPPLY MFG. CO.

Grand Rapids, Mich.

PUMP DIAPHRAGM

Ace Pump Corp., 140 Hernando St., Memphis, Tenn.

SPRAY DUSTERS

John Bean Div., Food Machinery & Chemical Corp.,
Lansing, Mich.; San Jose, Calif.
Buffalo Turbine Agri. Equip. Co., Inc., Gowanda,
N. Y.
Florist Products, 1843 Oakton, Des Plaines, Ill.
H. D. Hudson Mfg. Co., 589 E. Illinois St., Chicago
11, Ill.
KWH Mistblower Factories, Eastern U.S. Sales Div.:
Vandermolen Export Co., 316 Bloomfield Ave.,
Nutley 10, N. J.
Niagara Chemical Div., Food Machinery & Chem-
ical Corp., Middleport, N. Y.

WEED SPRAYERS

POWER TAKE-OFF SPRAYERS

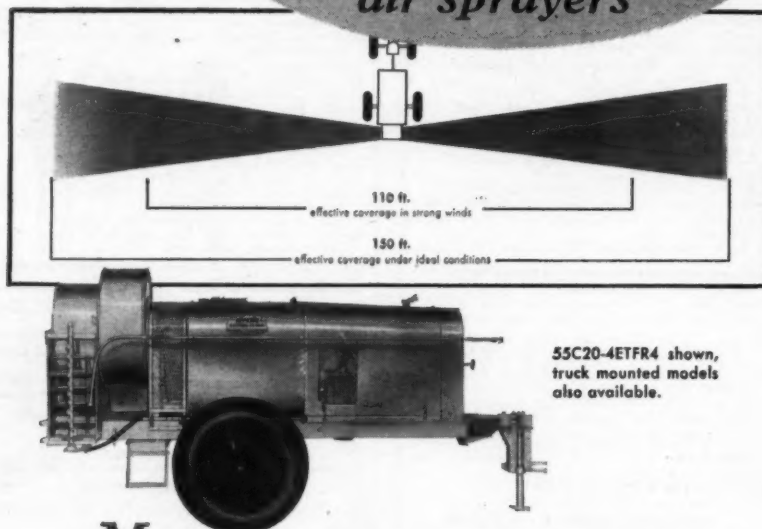
John Bacon Corp., Gasport, N. Y.
John Bean Div., Food Machinery & Chemical Corp.,
Lansing, Mich.; San Jose, Calif.
Buffalo Turbine Agri. Equip. Co., Inc., Gowanda,
N. Y.
Century Engineering Co., Farm Equipment Div.,
Cedar Rapids, Iowa
Champion Sprayer Co., Florence Station, Omaha,
Nebr.
Engine Parts Mfg. Co., 1360 W. 9th, Cleveland 13,
Ohio
Farmhand Company Div., Superior Separator Co.,
Hopkins, Minn.
Farmrite Sprayer Inc., Juneau, Wis.
Friend Mfg. Co., Gasport, N. Y.
Hahn, Inc., Evansville, Ind.
Hanson Chemical Equipment Co., Beloit, Wis.
Hardie Mfg. Div., Vulcan Iron Works, 730 S. Main St.,
Wilkes-Barre, Pa.
H. D. Hudson Mfg. Co., 589 E. Illinois St., Chicago
11, Ill.
Jari Products Inc., 2938 Pillsbury Ave., Minneapolis
8, Minn.
Ken Standard Corp., 1401 N. Fares, Evansville, Ind.
Lobee Pump & Machinery Co., Gasport, N. Y.
The F. E. Myers & Bro. Co., Ashland, Ohio
Oliver Corp., A. B. Farquhar Div., York, Pa.
Super Six, Inc., Minneapolis, Minn.

LOW PRESSURE BOOMS & NOZZLES

John Bean Div., Food Machinery & Chemical Corp.,
Lansing, Mich.
Besler Corp., 4053 Harlan St., Oakland 8, Calif.
Farmhand Company Div., Superior Separator Co.,
Hopkins, Minn.
Farmrite Sprayer Inc., Juneau, Wis.
Hanson Chemical Equipment Co., Beloit, Wisc.
Hardie Mfg. Div., Vulcan Iron Works, 730 S. Main St.,
Wilkes-Barre, Pa.
H. D. Hudson Mfg. Co., 589 E. Illinois St., Chicago
11, Ill.
Ken Standard Corp., 1401 N. Fares, Evansville, Ind.
Lobee Pump & Machinery Co., Gasport, N. Y.
The F. E. Myers & Bro. Co., Ashland, Ohio
Oliver Corp., A. B. Farquhar Div., York, Pa.
Rear's Farm Service, Eugene, Ore.
Spraying Systems Co., Bellwood, Ill.

**Save Time
Save Money**

*with Myers exclusive
two-way row crop
air sprayers*

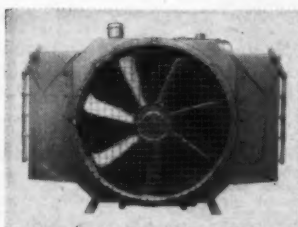


55C20-4ETFR4 shown,
truck mounted models
also available.

MYERS two-way air handling technique gives thorough foliage coverage over a spray swath of 110 feet, even under strong wind conditions. With ideal wind conditions you can increase effective coverage up to 150 feet. This accurately-rated performance assures you of a cleaner crop, larger yield, bigger profits.

Myers two-way sprayers reduce down the row travel, save time and minimize soil compaction.

Balanced two wheel design makes possible short row-end turning, easy towing, and convenient handling. Sprayer has 29" axle clearance, with standard 64" to 84" tread adjustment to prevent plant injury. Optional 36" clearance available. Engine, discharge, and remote air pattern controls are located within easy reach of operator.



58CA-24 Attachment

A Myers field crop air attachment can be fitted to your present high pressure sprayer, saving you spraying time, material, costs.

See for yourself

Ask your Myers dealer to show you the full coverage protection you get with a Myers "two-way" air sprayer.

Myers

The F. E. Myers & Bro. Co.

ASHLAND, OHIO

KITCHENER, ONTARIO

a complete line of sprayers and irrigation equipment

DUSTERS

HAND DUSTERS

E. C. Brown Co., Canandaigua, N. Y.
Champion Sprayer Co., 6519 Heintz Ave., Detroit 11, Mich.
Dobbins Div., Chamberlain Corp., Waterloo, Iowa
Florist Products, 1843 Oakton, Des Plaines, Ill.
H. D. Hudson Mfg. Co., 589 E. Illinois St., Chicago 11, Ill.
A. M. Leonard & Son, Inc., Piqua, Ohio
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y.
Oakes Mfg. Co., Box 1810, Tipton, Ind.
Root-Lowell Corp., 445 N. Lake Shore, Chicago, Ill.
Tatamy Products Co., Tatamy, Pa.
Tyson Orchard Service, Flora Dale, Pa.

POWER DUSTERS

Air-O-Fan Products Corp., Gilroy, Calif.
John Bean Div., Food Machinery & Chemical Corp., Lansing, Mich.; San Jose, Calif.
Besler Corp., 4053 Harlan St., Oakland 8, Calif.
Buffalo Turbine Agri. Equip. Co., Inc., Gowanda, N. Y.
Dobbins Div., Chamberlain Corp., Waterloo, Iowa
Florist Products, 1843 Oakton, Des Plaines, Ill.
Friend Mfg. Co., Gasport, N. Y.
Hardie Mfg. Div., Vulcan Iron Works, 730 S. Main St., Wilkes-Barre, Pa.
H. D. Hudson Mfg. Co., 589 E. Illinois St., Chicago 11, Ill.
KWH Mistblower Factories, Eastern U.S. Sales Div.: Vandermolen Export Co., 316 Bloomfield Ave., Nutley 10, N. J.
Oliver Corp., A. B. Farquhar Div., York, Pa.
Root-Lowell Corp., 445 N. Lake Shore, Chicago, Ill.
Tatamy Products Co., Tatamy, Pa.
Tyson Orchard Service, Flora Dale, Pa.

MIXERS, DUST

Friend Mfg. Co., Gasport, N. Y.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y.
Tatamy Products Co., Tatamy, Pa.

SPRAY PROTECTION

FACE SHIELDS AND MASKS

Acme Protection Equip. Co., 1205 Kalamazoo St., South Haven, Mich.
American Optical Co., Southbridge, Mass.
Chicago Eye Shield Co., 2727 W. Roscoe, Chicago 18, Ill.
Florist Products, 1843 Oakton, Des Plaines, Ill.
Kimball Safety Products, 9310 Wade Park Ave., Cleveland 6, Ohio
Mine Safety Appliances Co., 201 N. Braddock Ave., Pittsburgh 8, Pa.
Pulmosan Safety Equip. Corp., 644 Pacific Ave., Brooklyn, N. Y.
Tyson Orchard Service, Flora Dale, Pa.
Willson Products, Div. Ray-O-Vac Co., Madison, Wis.

GOGGLES

American Optical Co., Southbridge, Mass.
Chicago Eye Shield Co., 2727 W. Roscoe, Chicago 18, Ill.
Kimball Safety Products, 9310 Wade Park Ave., Cleveland 6, Ohio
Mine Safety Appliances Co., 201 N. Braddock Ave., Pittsburgh 8, Pa.
Pulmosan Safety Equip. Corp., 644 Pacific Ave., Brooklyn, N. Y.
Willson Products, Div. Ray-O-Vac Co., Madison, Wis.

RESPIRATORS

American Optical Co., Southbridge, Mass.
Chicago Eye Shield Co., 2727 W. Roscoe, Chicago 18, Ill.
DeVilbiss Co., 300 Phillips Ave., Toledo 1, Ohio
Florist Products, 1843 Oakton, Des Plaines, Ill.
General Scientific Equipment Co., 7516 Limekiln Ave., Philadelphia 50, Pa.
Kimball Safety Products, 9310 Wade Park Ave., Cleveland 6, Ohio
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Mine Safety Appliances Co., 201 N. Braddock Ave., Pittsburgh 8, Pa.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y.
Pulmosan Safety Equip. Corp., 644 Pacific Ave., Brooklyn, N. Y.
Tyson Orchard Service, Flora Dale, Pa.
Willson Products, Div. Ray-O-Vac Co., Madison, Wis.

SPRAY CLOTHING

American Optical Co., Southbridge, Mass.
Broadway Rubber Mfg. Co., 519 E. Broadway, Louisville 2, Ky.
Goodall Rubber Co., Whithead Rd., Trenton 4, N. J.
B. F. Goodrich Co., 500 S. Main St., Akron, Ohio
Hodgman Rubber Co., Framingham, Mass.
Hood Rubber Co., Watertown 72, Mass.
Mine Safety Appliances Co., 210 N. Braddock Ave., Pittsburgh 8, Pa.
A. J. Tower, Div. of Sawyer-Tower, Inc., 24 Simmons St., Boston 20, Mass.
United States Rubber Co., 1230 Ave. of the Americas, N. Y. 20, N. Y.

AMERICAN VEGETABLE GROWER

"Wo
and

AO R71
Goggle-Res
Combina

DUSTS can
a nuisance.
and discom
lightest and
BUREAU OF
RESPIRATOR
strongly rec
protection a
grain dust,
flour and c
found in c
Price: R

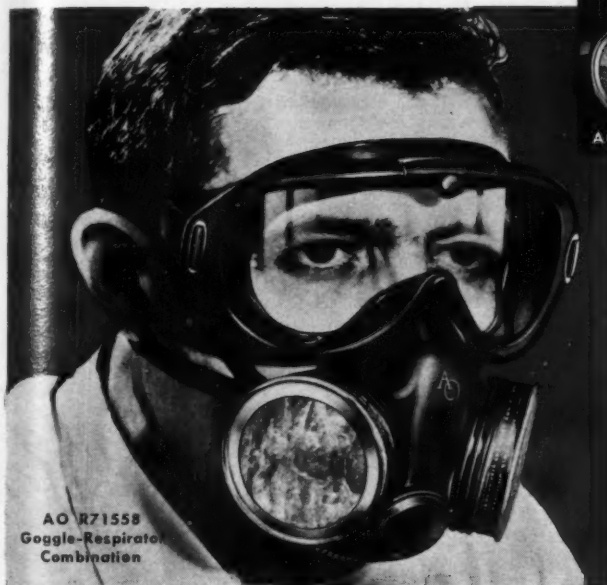
TO OBTAIN
products yo
with your cl
distributors
anywhere i
charge for

In Safety, th
Insist on pro
symbol of le

Every Time You SPRAY...

**"Work Safe" with AO Quality Respirators
and Safety Glasses**

**Made by the American
Optical Company —
World's Largest Maker
of Personal
Protective Equipment**



AO R71558
Goggle-Respirator
Combination



AO R5058 Respirator

INSECTICIDES can kill humans as well as insects! Protect yourself and workers *securely* during field application by wearing either the R5058 Respirator or the R71558 Respirator-Goggle Combination illustrated.

U. S. DEPT. OF AGRICULTURE APPROVED for protection against Parathion, Systox, Phosdrin, Aldrin, Dieldrin, Endrin, Chlordane, EPN, Nicotine, TEPP and HETP. Light weight. Easy to breathe through. Prices: R5058 — \$6.20 each. R71558 — \$9.80 each. R58 Replacement Filters (Pkg. of 3 pair) — \$4.80.



AO 484A
Safety Goggles

DUSTS can be harmful as well as a nuisance. Avoid illness, injury and discomfort by wearing the lightest and least expensive U. S. BUREAU OF MINES APPROVED RESPIRATOR on the market. We strongly recommend this unit for protection against fine soil dusts, grain dust, hay dust and chaff, flour and other non-toxic dusts found in farm areas.

Price: R9100 — \$2.10.



TO OBTAIN THIS EQUIPMENT just check the products you want, tear out this page and send with your check or money order to any of our distributors listed at right. They will ship anywhere in the United States with no charge for handling or postage.



*In Safety, there is no substitute for quality.
Insist on products bearing the AO Trademark—
symbol of leadership for 126 years.*

AUTHORIZED AO AGRICULTURAL DISTRIBUTORS

BAKER ENTERPRISES
5736 N. Natoma, Chicago 31, Ill.
BUSHART'S ENTERPRISES, INC.
12 Union St., Sudus, New York
CALIFORNIA SAFETY & SUPPLY CO.
996 North 4th Street,
San Jose 12, California
CHAMPLAIN VIEW GARDENS
Burlington, Vermont
CLOVER FLORAL AND NURSERY CO.
8606 Lackland Road,
Overland 14, Missouri
JAMES H. COOKMAN CO.
Rt. 9 at Rt. 85, Southboro, Mass.
DAVIS SEED AND FEED STORE
705 S. State St., Jackson, Mississippi

WOOLFOK CHEMICAL WORKS, LTD.
Fort Valley, Georgia

ECONOMY FLORAL SUPPLY CO.
P. O. Box 96, Menasha, Wisconsin
HILL'S HARDWARE & IMPLEMENT CO.
Robstown, Texas
GEORGE W. HILL AND CO.
25 Pike St., Covington, Kentucky
THE BULL W. NUTT CO.
11614 W. Pico Blvd.,
Los Angeles 64, California
PACIFIC SUPPLY COOPERATIVE
P. O. Box 4380, Portland, Oregon
PARKHURST FARM SUPPLY
301 North White Horse Pike,
Hammononton, New Jersey
SOUTHLAND FARM STORE
5230 Maple Ave., Dallas, Texas

Get positive control of

- aphids
- leaf miners
- onion maggots
- vinegar flies (*drosophila* sp.)

and a wide range of other insects attacking vegetable crops with

DIAZINON[®]

INSECTICIDE

DIAZINON insecticide is effective against many insects which have become difficult or impossible to control with other pesticides.

DIAZINON insecticide's long-lasting, broad-spectrum

action gives you more economy and better control for your insecticide dollar.

Get DIAZINON insecticide today from your favorite farm supply dealer.



Residue tolerance of 0.75 ppm permits application relatively close to harvest.

ORIGINATORS OF DDT INSECTICIDES



GEIGY AGRICULTURAL CHEMICALS • Division of Geigy Chemical Corporation • Saw Mill River Road, Ardsley, N.Y.



N.Y.

GROWER

INSI

Associated Chem
lins, N. Y.
California Spr
Haddonfield,
Chemical Inse
Metuchen, N.
Chipman Chem
General Chem
Rector St., N
Miller Chemical
Lane, Baltimore
Miller Product
land 1, Ore.
Niagara Chem
Corp., Middl
Olin Mathieson
P.O. Box 991
Pennsalt of W
coma 2, Was
Pittsburgh Co
Pittsburgh 19
Shell Chemical
Stauffer Chemi
N. Y.; 636 Ca
Thompson Che
Louis 3, Mo
Calif.
Thompson-Hay
Ave., Kansas
Woolfolk Chem

California Spr
Haddonfield,
Chipman Chem
Corona Chem
Moorestown,
Florist Products
General Chem
Rector St., N
Miller Chemical
Lane, Baltimore
Miller Product
land 1, Ore.
Naugatuck Ch
gastuck, Conn
Niagara Chem
cal Corp., M
Pennsalt of W
coma 2, Was
Stauffer Chemi
N. Y.; 636 Ca
Thompson-Hay
Blvd., Kansas

BENZENE

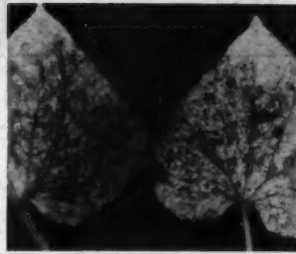
Associated Ch
North Collins
California Spr
Haddonfield,
Central Chemi
Chemical Inse
Metuchen, N
Chipman Chem
Corona Chemi
Moorestown,
Diamond Alka
Cleveland 14
E. I. du Pont
Chemicals De
Florist Products
General Chem
for St., N. Y.
Miller Chemical
Lane, Baltimore
Miller Product
land 1, Ore.
Niagara Chem
cal Corp., M
Olin Mathieso
P.O. Box 991
S. B. Penick &
Pennsalt of W
coma 2, Was
Pittsburgh Co
Pittsburgh 19
D. G. Pratt Co
Stauffer Chemi
N. Y.; 636 Ca
Swift & Co.,
Haven, Fla.
Thompson Che
Louis 3, Mo
Calif.
Woolfolk Chem

*Company's br

JULY, 1959



SPRAYS, DUSTS AND FERTILIZERS



INSECTICIDES

ALDRIN

Associated Chemists, Agr. Chem. Div., North Collins, N.Y.
California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N.J.
Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N.J.
Chipman Chemical Co., Inc., Bound Brook, N.J.
General Chemical Div., Allied Chemical Corp., 40 Rector St., New York 6, N.Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N.Y.
Olin Mathieson Chemical Corp., Plant Food Div., P.O. Box 991, Little Rock, Ark.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.
Pittsburgh Coke & Chemical Co., 2000 Grant Bldg., Pittsburgh 19, Pa.
Shell Chemical Corp., 460 Park Ave., N.Y., N.Y.
Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.
Thompson Chemicals Corp., 3028 Locust St., St. Louis 3, Mo.; 2727 W. Hyperion, Los Angeles, Calif.
Thompson-Hayward Chemical Co., 2915 Southwest Blvd., Kansas City, Mo.
Woolfolk Chemical Works, Ltd., Fort Valley, Ga.

*ARAMITE

California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N.J.
Chipman Chemical Co., Inc., Bound Brook, N.J.
Corona Chemical Div., Pittsburgh Plate Glass Co., Moorestown, N.J.
Florist Products, 1843 Oakton, Des Plaines, Ill.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N.Y. 6, N.Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers, Portland 1, Ore.
Naugatuck Chemical Div., U. S. Rubber Co., Naugatuck, Conn.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N.Y.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.
Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.
Thompson-Hayward Chemical Co., 2915 Southwest Blvd., Kansas City, Mo.

BENZENE, HEXACHLORIDE, LINDANE

Associated Chemists, Inc., Agri. Chemicals Div., North Collins, N.Y.
California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N.J.
Central Chemical Corp., Hagerstown, Md.
Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N.J.
Chipman Chemical Co., Inc., Bound Brook, N.J.
Corona Chemical Div., Pittsburgh Plate Glass Co., Moorestown, N.J.
Diamond Alkali Co., 300 Union Commerce Bldg., Cleveland 14, Ohio
E. I. du Pont de Nemours & Co., Inc., Grasselli Chemicals Dept., Wilmington, Del.
Florist Products, 1843 Oakton, Des Plaines, Ill.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N.Y. 6, N.Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers, Portland 1, Ore.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N.Y.
Olin Mathieson Chemical Corp., Plant Food Div., P.O. Box 991, Little Rock, Ark.
S. B. Penick & Co., 100 Church St., New York 8, N.Y.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.
Pittsburgh Coke & Chemical Co., 2000 Grant Bldg., Pittsburgh 19, Pa.
B. G. Pratt Co., 204 21st Ave., Paterson, N.J.
Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.
Swift & Co., Agricultural Chemical Div., Winter Haven, Fla.
Thompson Chemicals Corp., 3028 Locust St., St. Louis 3, Mo.; 2727 W. Hyperion, Los Angeles, Calif.
Woolfolk Chemical Works, Ltd., Fort Valley, Ga.

*Company's brand name.

CHLORDANE

California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N.J.
Central Chemical Corp., Hagerstown, Md.
Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N.J.
Chipman Chemical Co., Inc., Bound Brook, N.J.
Corona Chemical Div., Pittsburgh Plate Glass Co., Moorestown, N.J.
Florist Products, 1843 Oakton, Des Plaines, Ill.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers, Portland 1, Ore.
Naugatuck Chemical Div., U. S. Rubber Co., Naugatuck, Conn.
Niagara Chemicals Div., Food Machinery & Chemical Corp., Middleport, N.Y.
Olin Mathieson Chemical Corp., Plant Food Div., P.O. Box 991, Little Rock, Ark.
S. B. Penick & Co., 100 Church St., New York 8, N.Y.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.
Pittsburgh Coke & Chemical Co., 2000 Grant Bldg., Pittsburgh 19, Pa.
B. G. Pratt Co., 204 21st Ave., Paterson, N.J.
Sennewald Drug Co., 2723 Chouteau Ave., St. Louis, Mo.
Sherwin-Williams Co., 101 Prospect Ave., N.W., Cleveland 1, Ohio
Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.
Swift & Co., Agricultural Chemical Div., Union Stock Yards, Chicago 9, Ill.
Thompson Chemicals Corp., 3028 Locust St., St. Louis 3, Mo.; 2727 W. Hyperion, Los Angeles, Calif.
Thompson-Hayward Chemical Co., 2915 Southwest Blvd., Kansas City, Mo.
Woolfolk Chemical Works, Ltd., Fort Valley, Ga.

*CHLOROBENZILATE

Geigy Agricultural Chemicals, Div. of Geigy Chemical Corp., P.O. Box 430, Yonkers, N.Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.

DDT

American Potash & Chemical Corp., 3100 E. 26th St., Los Angeles 23, Calif.
California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N.J.
Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N.J.
Chipman Chemical Co., Inc., Bound Brook, N.J.
Corona Chemical Div., Pittsburgh Plate Glass Co., Moorestown, N.J.
Diamond Alkali Co., 300 Union Commerce Bldg., Cleveland 14, Ohio
E. I. du Pont de Nemours & Co., Inc., Grasselli Chemicals Dept., Wilmington, Del.
Florist Products, 1843 Oakton, Des Plaines, Ill.
Geigy Agricultural Chemicals, Div. of Geigy Chemical Corp., P.O. Box 430, Yonkers, N.Y.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N.Y. 6, N.Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers, Portland 1, Ore.
Monsanto Chemical Co., Lindberg & Olive St. Road, St. Louis 24, Mo.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N.Y.
Olin Mathieson Chemical Corp., Plant Food Div., P.O. Box 991, Little Rock, Ark.
S. B. Penick & Co., 100 Church St., New York 8, N.Y.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.
Pittsburgh Coke & Chemical Co., 2000 Grant Bldg., Pittsburgh 19, Pa.
B. G. Pratt Co., 204 21st Ave., Paterson, N.J.
Shell Chemical Corp., 460 Park Ave., N.Y., N.Y.
Sherwin-Williams Co., 101 Prospect Ave., N.W., Cleveland 1, Ohio
Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.
Swift & Co., Agricultural Chemical Div., Union Stock Yards, Chicago 9, Ill.
Thompson Chemicals Corp., 3028 Locust St., St. Louis 3, Mo.; 2727 W. Hyperion, Los Angeles, Calif.
Thompson-Hayward Chemical Co., 2915 Southwest Blvd., Kansas City, Mo.
Woolfolk Chemical Works, Ltd., Fort Valley, Ga.

See pages 49 and 51 for
BRAND NAMES
of
ORGANIC PESTICIDES

DEMETON

Chemagro Corp., 437 Fifth Ave., N.Y., N.Y.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N.Y. 6, N.Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N.Y.
Stauffer Chemical Co., 380 Madison Ave., New York, N.Y.

*DIAZINON

Florist Products, 1843 Oakton, Des Plaines, Ill.
Geigy Agricultural Chemicals, Div. of Geigy Chemical Corp., P.O. Box 430, Yonkers, N.Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers, Portland 1, Ore.

DIELDRIN AND ENDRIN

American Potash & Chemical Corp., 3100 E. 26th St., Los Angeles 23, Calif.
Associated Chemists, Inc., Agri. Chemicals Div., North Collins, N.Y.
California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N.J.
Central Chemical Corp., Hagerstown, Md.
Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N.J.
Chipman Chemical Co., Bound Brook, N.J.
Corona Chemical Div., Pittsburgh Plate Glass Co., Moorestown, N.J.
Florist Products, 1843 Oakton, Des Plaines, Ill.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N.Y. 6, N.Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers, Portland 1, Ore.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N.Y.
Olin Mathieson Chemical Corp., Plant Food Div., P.O. Box 991, Little Rock, Ark.
S. B. Penick & Co., 100 Church St., New York 8, N.Y.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.
Shell Chemical Corp., 460 Park Ave., N.Y., N.Y.
Sherwin-Williams Co., 101 Prospect Ave., N.W., Cleveland 1, Ohio
Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.
Thompson Chemicals Corp., 3028 Locust St., St. Louis 3, Mo.; 2727 W. Hyperion, Los Angeles, Calif.
Thompson-Hayward Chemical Co., 2915 Southwest Blvd., Kansas City, Mo.
Velsicol Chemical Corp., 330 E. Grand Ave., Chicago 11, Ill.
Woolfolk Chemical Works, Ltd., Fort Valley, Ga.

EPN

E. I. du Pont de Nemours & Co., Inc., Grasselli Chemicals Dept., Wilmington, Del.

ETHION

Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N.Y.

*GENITE EM-923

General Chemical Div., Allied Chemical Corp., 40 Rector St., New York 6, N.Y.

*GUTHION

Chemagro Corp., 437 Fifth Ave., New York 16, N.Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.

MALATHION

American Potash & Chemical Corp., 3100 E. 26th St., Los Angeles 23, Calif.
American Cyanamid Co., Agricultural Div., 30 Rockefeller Plaza, N.Y. 20, N.Y.
California Spray-Chemical Corp., Richmond, Calif.
Central Chemical Corp., Hagerstown, Md.
Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N.J.
Chipman Chemical Co., Inc., Bound Brook, N.J.
Florist Products, 1843 Oakton, Des Plaines, Ill.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N.Y. 6, N.Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers, Portland 1, Ore.

SPRAYS, DUSTS, FERTILIZERS

Olin Mathieson Chemical Corp., Plant Food Div., P.O. Box 991, Little Rock, Ark.
S. B. Penick & Co., 100 Church St., New York 8, N. Y.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.
B. G. Pratt Co., 204 21st Ave., Paterson, N. J.
Sherwin-Williams Co., 101 Prospect Ave., N. W., Cleveland 1, Ohio
Stauffer Chemical Co., 380 Madison Ave., N. Y. 17, N. Y.; 636 California St., San Francisco 8, Calif.
Swift & Co., Agricultural Chemical Div., Union Stock Yards, Chicago 9, Ill.
Thompson Chemicals Corp., 3028 Locust St., St. Louis, Mo.; 2727 W. Hyperion, Los Angeles, Calif.
Thompson-Hayward Chemical Co., 2915 Southwest Blvd., Kansas City, Mo.
Woolfolk Chemical Works, Ltd., Fort Valley, Ga.

METHOXYCHLOR

Associated Chemists, Inc., Agri. Chemicals Div., North Collins, N. Y.
California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
Chipman Chemical Co., Inc., Bound Brook, N. J.
Corona Chemical Div., Pittsburgh Plate Glass Co., Moorestown, N. J.
E. I. du Pont de Nemours & Co., Inc., Grasselli Chemicals Dept., Wilmington, Del.
Geigy Agricultural Chemicals, Div. of Geigy Chemical Corp., P.O. Box 430, Yonkers, N. Y.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N. Y. 6, N. Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers, Portland 1, Ore.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y.
Stauffer Chemical Co., 380 Madison Ave., N. Y. 17, N. Y.; 636 California St., San Francisco 8, Calif.

NICOTINE

California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
Florist Products, 1843 Oakton, Des Plaines, Ill.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N. Y. 6, N. Y.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y.
Phillips Bros. Chemicals, Inc., 37 Wall St., N. Y. 5, N. Y.
B. G. Pratt Co., 204 21st Ave., Paterson, N. J.
Sherwin-Williams Co., 101 Prospect Ave., N. W., Cleveland 1, Ohio
Stauffer Chemical Co., 636 California St., San Francisco 8, Calif.

OVEX

California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N. J.
Dow Chemical Co., Agricultural Chemicals Div., Midland, Mich.
General Chemical Div., Allied Chemical Corp., 40 Rector St., New York 6, N. Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Pittsburgh Plate Glass Co., 2200 Grant Bldg., Pittsburgh 19, Pa.
Stauffer Chemical Co., 380 Madison Avenue, New York 17, N. Y.; 636 California St., San Francisco 8, Calif.

PARATHION

American Cyanamid Co., Agricultural Div., 30 Rockefeller Plaza, N. Y. 20, N. Y.
California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
Chemagro Corp., 437 Fifth Ave., N. Y. 1, N. Y.
Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N. J.
Chipman Chemical Co., Inc., Bound Brook, N. J.
Corona Chemical Div., Pittsburgh Plate Glass Co., Moorestown, N. J.
Florist Products, 1843 Oakton, Des Plaines, Ill.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N. Y. 6, N. Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers, Portland 1, Ore.
Monsanto Chemical Co., Lindberg & Olive St., Road, St. Louis 24, Mo.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y.
Olin Mathieson Chemical Corp., Plant Food Div., P.O. Box 991, Little Rock, Ark.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.
Pittsburgh Coke & Chemical Co., 2000 Grant Bldg., Pittsburgh 19, Pa.
Sherwin-Williams Co., 101 Prospect Ave., N. W., Cleveland 1, Ohio
Stauffer Chemical Co., 380 Madison Ave., N. Y. 17, N. Y.; 636 California St., San Francisco 8, Calif.

*Company's brand name.

Swift & Co., Agricultural Chemical Div., Union Stock Yards, Chicago 9, Ill.
Woolfolk Chemical Works, Ltd., Fort Valley, Ga.

*PERTHANE

California Spray-Chemical Corp., Richmond, Calif.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Rohm & Haas Co., Washington Sq., Philadelphia 5, Pa.

PYRETHRUM & DERIVATIVES

California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N. J.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
S. B. Penick & Co., 100 Church St., New York 8, N. Y.
B. G. Pratt Co., 204 21st Ave., Paterson, N. J.

ROTENONE PRODUCTS

American Agricultural Chemical Co., 50 Church St., N. Y. 7, N. Y.
California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N. J.
Chipman Chemical Co., Inc., Bound Brook, N. J.
Corona Chemical Div., Pittsburgh Plate Glass Co., Moorestown, N. J.
Florist Products, 1843 Oakton, Des Plaines, Ill.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N. Y. 6, N. Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers, Portland 1, Ore.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y.
S. B. Penick & Co., 100 Church St., New York 8, N. Y.
B. G. Pratt Co., 204 21st Ave., Paterson, N. J.
Stauffer Chemical Co., 380 Madison Ave., N. Y. 17, N. Y.; 636 California St., San Francisco 8, Calif.
Swift & Co., Agricultural Chemical Div., Union Stock Yards, Chicago 9, Ill.

*SEVIN

Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Union Carbide Chemicals Co., CRAG Agricultural Chemicals, 180 S. Broadway, White Plains, N. Y.

SPREADERS, STICKERS

Colloid Products Corp., 100 Gate 5 Rd., Sausalito, Calif.
General Chemical Div., Allied Chemical & Dye Corp., 40 Rector St., New York 6, N. Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S. W. Caruthers, Portland 1, Ore.
Sherwin-Williams Co., 101 Prospect Ave., N. W., Cleveland 1, Ohio
Stauffer Chemical Co., 636 California St., San Francisco 8, Calif.

*THIODAN

Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y.

TOXAPHENE

California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N. J.
Chipman Chemical Co., Inc., Bound Brook, N. J.
Corona Chemical Div., Pittsburgh Plate Glass Co., Moorestown, N. J.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N. Y. 6, N. Y.
Hercules Powder Co., Inc., 900 Market St., Wilmington, Del.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y.
Olin Mathieson Chemical Corp., Plant Food Div., P.O. Box 991, Little Rock, Ark.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.
Stauffer Chemical Co., 380 Madison Ave., N. Y. 17, N. Y.; 636 California St., San Francisco 8, Calif.
Swift & Co., Agricultural Chemical Div., Union Stock Yards, Chicago 9, Ill.

*TRITHION

California Spray-Chemical Corp., Richmond, Calif.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y.
Stauffer Chemical Co., 380 Madison Ave., New York, N. Y.; 636 California St., San Francisco 8, Calif.

ZINC SULFATE

California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
Central Chemical Corp., Hagerstown, Md.
Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N. J.
Corona Chemical Div., Pittsburgh Plate Glass Co., Moorestown, N. J.
E. I. du Pont de Nemours & Co., Inc., Grasselli Chemicals Dept., Wilmington, Del.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N. Y. 6, N. Y.
Harshaw Chemical Co., 1945 E. 97th St., Cleveland 6, Ohio
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers, Portland 1, Ore.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y.
Sherwin-Williams Co., 101 Prospect Ave., N. W., Cleveland 1, Ohio
Tennessee Corp., 619 Grant Bldg., Atlanta 1, Ga.
Woolfolk Chemical Works, Ltd., Ft. Valley, Ga.

FUNGICIDES

ANTIBIOTICS

ACTIDIONE

Florist Products, 1843 Oakton, Des Plaines, Ill.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y. (Cherry tree use only)
Upjohn Co., 301 Henrietta, Kalamazoo, Mich. (All commercial uses)

COPPER-STREPTOMYCIN-TERRAMYCIN

Chas. Pfizer & Co., Inc., 630 Flushing Ave., Brooklyn, N. Y.

GRISEOFULVIN

The Murphy Chemical Co., Ltd., Wheatthamstead, Herts., England

STREPTOMYCIN

California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
Merck & Co., Inc., Rahway, N. J.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Chas. Pfizer & Co., Inc., 630 Flushing Ave., Brooklyn, N. Y.

STREPTOMYCIN-NITRATE

Olin Mathieson Chemical Corp., Insecticide Products Dept., Mathieson Bldg., Baltimore 3, Md.

STREPTOMYCIN-TERRAMYCIN

Chipman Chemical Co., Inc., Bound Brook, N. J.
General Chemical Div., Allied Chemical Corp., 40 Rector St., New York 6, N. Y.
Chas. Pfizer & Co., Inc., 630 Flushing Ave., Brooklyn, N. Y.

CAPTAN

California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
Florist Products, 1843 Oakton, Des Plaines, Ill.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Stauffer Chemical Co., 380 Madison Ave., N. Y. 17, N. Y.; 636 California St., San Francisco 8, Calif.

CHLORANIL

General Chemical Div., Allied Chem. Corp., 40 Rector St., N. Y. 6, N. Y.
Naugatuck Chemical Div., U. S. Rubber Co., Naugatuck, Conn.

COPPER COMPOUNDS

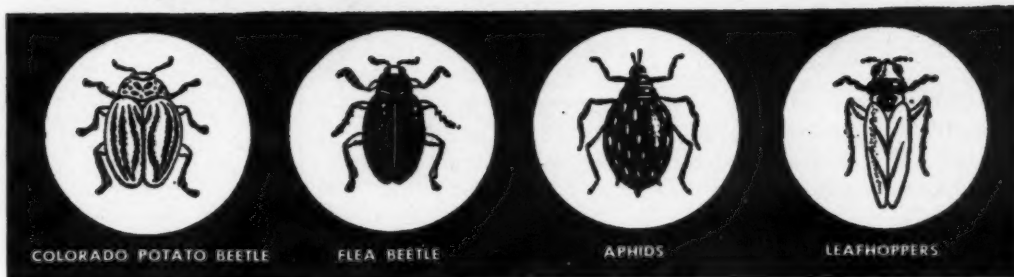
California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
Chipman Chemical Co., Inc., Bound Brook, N. J.
Corona Chemical Div., Pittsburgh Plate Glass Co., Moorestown, N. J.
E. I. du Pont de Nemours & Co., Grasselli Chemicals Dept., Wilmington, Del.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N. Y. 6, N. Y.
Hercules Powder Co., Inc., 900 Market St., Wilmington, Del.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers, Portland 1, Ore.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.
Pheps-Dodge Refining Corp., 300 Park Ave., N. Y. 17, N. Y.
B. G. Pratt Co., 204 21st Ave., Paterson, N. J.
Sherwin-Williams Co., 101 Prospect Ave., N. W., Cleveland 1, Ohio
Stauffer Chemical Co., 380 Madison Ave., N. Y. 17, N. Y.; and 636 California St., San Francisco 8, Calif.
Swift & Co., Agricultural Chemical Div., Union Stock Yards, Chicago 9, Ill.; Winter Haven, Fla.
Tennessee Corp., 619 Grant Bldg., Atlanta 1, Ga.

AMERICAN VEGETABLE GROWER

Thiodan

A Noteworthy New Broad Range Insecticide for Potatoes

Kills'em All!



COLORADO POTATO BEETLE

FLEA BEETLE

APHIDS

LEAFHOPPERS

THIODAN HAS THESE ADVANTAGES

Effective Control

Thiodan when compared with other sprays by State Experiment Stations gives better control of aphids, leafhoppers and flea beetles. Higher yields too!

Safer to Handle

Growers are glad to have a "moderately toxic" potato spray to replace toxic phosphates.

Lasting Effectiveness

Insect control lasts longer with Thiodan. Saves applications.

Easy to Use

No bad odors—no irritations—also compatible with usual potato fungicides.

THIODAN GIVES ONE SHOT CONTROL OF ALL COMMON POTATO PESTS

Thiodan is a name for potato growers to remember. It is an important new discovery. Thiodan provides broad-range use and sure-kill effectiveness against all potato insects. With Thiodan you get a multiple kill of several potato pests at the same time. This means new ease and convenience plus economy in protecting your crops.

Thiodan is easy to use either as a miscible or wettable powder. It mixes readily with the commonly used potato fungicides and has none of the hazards of some more toxic materials.

Thiodan has been thoroughly tested by leading experiment stations throughout the country and is being recommended for potato insect control.



Putting Ideas to Work

FOOD MACHINERY AND CHEMICAL CORPORATION
Technical Chemicals Department
Niagara Chemical Division
MIDDLEPORT, N.Y.



Tri-Basic (MICRONIZED) COPPER SULFATE

A chemically stable copper fungicide containing not less than 53% metallic copper . . . for spraying or dusting truck and citrus crops. Especially effective in controlling persistent fungus diseases through application of Tri-Basic Copper Sulfate before fungus attacks.



COP-O-ZINK (A Neutral Copper-Zinc Fungicide)

For disease control and prevention. Particularly effective on potatoes. Also on many vegetable and fruit crops. Cop-O-Zink is excellent for correcting Copper and Zinc deficiencies and for stimulating plant growth. Contains 48% Copper and 4% Zinc. Applied to foliage in spray or dust form.

Control FUNGUS DISEASES



FUNGICIDES AND AGRICULTURAL CHEMICALS

There's a superior TC product to correct most nutritional deficiencies and TRI-BASIC COPPER SULFATE to prevent and control certain persistent fungus diseases.

Correct NUTRITIONAL DEFICIENCIES

NU-IRON (Nutritional Iron)

A neutral Iron compound containing 30% Iron as metallic. Chelated Iron 10% as metallic—applied to foliage of plants for correction of Iron deficiencies.

NU-Z (Nutritional Zinc)

Nu-Z contains 52% metallic zinc. Applied directly to the plant in spray or dust form . . . stimulates plant growth and corrects zinc deficiencies.

NU-MANESE (Manganous Oxide)

An extremely effective nutritional manganese product for correcting manganese deficiencies due to low manganese content of the soil . . . applied as a spray or dust to the foliage, direct broadcast to the soil or in mixed fertilizers.

For information on
These Fungicide and
Nutritional Products,
Write, Wire or Phone Us.

ES-MIN-EL

The ESsential MINeral ELements — contains Manganese, Copper, Iron, Zinc, Boron and Magnesium, all essential to healthy, productive soil. Fruits and vegetables rich in vitamins cannot grow in soil poor in minerals. For soil application. Es-Min-El in spray or dust form for direct application to the plants is also available. Contains nutritional Manganese, Zinc and Copper.

WE WILL CUSTOM MIX MINERAL MIXTURES TO YOUR OWN SPECIFICATIONS IN LARGE OR SMALL QUANTITIES.



DUST MIXTURES

Tennessee's Nu-Z, Nu-Iron, and Tri-Basic Copper Sulfate are especially suited for use in preparing nutritional and fungicidal spray and dust mixtures.

TENNESSEE CORPORATION



617-29 Grant Building, Atlanta, Georgia



FUNGICIDES

DICHLONE

American Cyanamid Co., Agricultural Div., 30 Rockefeller Plaza, N.Y. 20, N.Y.
Chipman Chemical Co., Inc., Bound Brook, N.J.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N.Y. 6, N.Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Naugatuck Chemical Div., U. S. Rubber Co., Naugatuck, Conn.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N.Y.
Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.

*DYRENE

Chemagro Corp., 437 Fifth Ave., New York, N.Y.

FERBAM

California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N.J.
Chipman Chemical Co., Inc., Bound Brook, N.J.
E. I. du Pont de Nemours & Co., Inc., Grasselli Chemicals Dept., Wilmington, Del.
Florist Products, 1843 Oakton, Des Plaines, Ill.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N.Y. 6, N.Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N.Y.
Olin Mathieson Chemical Corp., Plant Food Div., P.O. Box 991, Little Rock, Ark.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.
Sherwin-Williams Co., 101 Prospect Ave., N.W., Cleveland 1, Ohio
Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.

*KARATHANE

Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Panogen, Inc., Div. of Morton Chemical Co., 110 N. Wacker Dr., Chicago 6, Ill.
Rohm & Haas Co., Washington Sq., Philadelphia 5, Pa.

MANEB

Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N.J.
E. I. du Pont de Nemours & Co., Inc., Grasselli Chemicals Dept., Wilmington, Del.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Olin Mathieson Chemical Corp., Plant Food Div., P.O. Box 991, Little Rock, Ark.
Rohm & Haas Co., Washington Sq., Philadelphia 5, Pa.
Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.

NABAM

E. I. du Pont de Nemours & Co., Inc., Grasselli Chemicals Dept., Wilmington, Del.
Rohm & Haas Co., 222 W. Washington Sq., Philadelphia 5, Pa.

ORGANO-MERCURI

Central Chemical Corp., Hagerstown, Md.
Chemley Products Co., 5744 North Western Ave., Chicago 45, Ill.
Chipman Chemical Co., Inc., Bound Brook, N.J.
Corona Chemical Div., Pittsburgh Plate Glass Co., Moorestown, N.J.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N.Y. 6, N.Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N.Y.
Panogen, Inc., Div. of Morton Chemical Co., 110 N. Wacker Dr., Chicago 6, Ill.
Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.

PCNB (*TERRACLOR)

Florist Products, 1843 Oakton, Des Plaines, Ill.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Olin-Mathieson Chemical Corp., Insecticide Products Dept., Mathieson Bldg., Baltimore 3, Md.

PHALTAN

California Spray-Chemical Corp., Richmond, Calif.
Stauffer Chemical Co., 380 Madison Ave., New York, N.Y.; 636 California St., San Francisco 8, Calif.

*Company's brand name.

AMERICAN VEGETABLE GROWER

PREFERRED

for foliar application

because of its

low biuret

(Less than 0.2%)

Completely water soluble, too!



New Agricultural Grade **Grace Crystal Urea** Fertilizer Compound

- ✓ **Makes Possible Maximum Yields and Top Quality.**
- ✓ **Saves Time, Labor, Equipment.**
- ✓ **Safe! Especially Formulated for Foliar Application.**

Because the nitrogen in new Grace Agricultural Grade Crystal Urea is *immediately* available to plants, the use of Grace Agricultural Grade Crystal Urea is the easy way to get maximum yields and top quality.

You can add Grace Agricultural Grade Crystal Urea to your regular insecticide or fungicide formulations and spray it at the same time you apply these other materials. By doing two jobs at once, you free men and equipment for other work. You save time, labor and equipment.

The low biuret content of Grace Agricultural Grade Crystal

Urea gives you concentrated nitrogen (46%) that's *completely safe* for foliar application.

It takes only a few days for you to see the response after spraying. The nitrogen goes to work almost at once. You'll see the improvement in foliage, color or growth, even when soil conditions are poor. For example, when there is excessive dryness, wetness, cold or leaching from heavy rains, response from foliar feeding with Grace Agricultural Grade Crystal Urea is good—and fast.

The crystals dissolve readily and completely, won't clog spray hoses, valves or nozzles. Solutions of Grace Agricultural Grade Crystal Urea are non-corrosive—won't harm rubber, metal or wood. And this superior urea is compatible with commonly used spray materials. Use Grace Agricultural Grade Crystal Urea with confidence. You'll profit.

FOR SOIL APPLICATION use free-flowing Grace Urea Prills. Guaranteed 46% Nitrogen. Ideal for Top-Dressing or Side-Dressing of fruits and vegetables, as well as field crops.



Grace Chemical Company A Division of W. R. Grace & Co.

MEMPHIS, TENNESSEE

DITHANE M-22

(maneb)

Fungicide

Controls:
**ANTHRACNOSE
EARLY AND LATE BLIGHT
GRAY LEAF SPOT
SEPTORIA LEAF SPOT
on TOMATOES**

New Dithane M-22

GIVES YOU MAXIMUM PROTECTION,
HIGHEST YIELDS, BETTER PROFITS
FOR YOUR TOMATO CROP.

DITHANE M-22

(maneb)

Fungicide

DITHANE M-22

(maneb)

Fungicide

New Dithane M-22

GIVES OUTSTANDING CONTROL
OF YIELD-CUTTING FOLIAGE
DISEASES... IMPROVES VIGOR
AND COLOR OF PLANTS.

Use **RHOTHANE**
insecticide to kill
fruitworm, hornworm,
pinworm, and psyllid
on tomatoes.



Chemicals for Agriculture

**ROHM & HAAS
COMPANY**

WASHINGTON SQUARE, PHILADELPHIA 5, PA.

DITHANE and RHOTHANE are trademarks, Reg. U.S. Pat. Off.
and in principal foreign countries.

FUNGICIDES

SULFURS

California Spray-Chemical Corp., Richmond, Calif.;
Haddonfield, N. J.
Chipman Chemical Co., Inc., Bound Brook, N. J.
Dow Chemical Co., Agricultural Chemicals Div.,
Midland, Mich.
Florist Products, 1843 Oakton, Des Plaines, Ill.
General Chemical Div., Allied Chem. Corp., 40
Rector St., N. Y. 6, N. Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp.
Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers, Port-
land 1, Ore.
Niagara Chemical Div., Food Machinery & Chemi-
cal Corp., Middleport, N. Y.
Olin Mathieson Chemical Corp., Plant Food Div.,
P.O. Box 991, Little Rock, Ark.
B. G. Pratt Co., 204 21st Ave., Paterson, N.J.
Sherwin-Williams Co., 101 Prospect Ave., N. W.,
Cleveland 1, Ohio
Stauffer Chemical Co., 380 Madison Ave., N. Y. 17,
N. Y.; 636 California St., San Francisco 8, Calif.

THIRAM

E. I. du Pont de Nemours & Co., Inc., Grasselli
Chemicals Dept., Wilmington, Del.
Pennsalt of Washington Div., 2901 Taylor Way,
Tacoma 2, Wash.

ZINEB

California Spray-Chemical Corp., Richmond, Calif.;
Haddonfield, N. J.
E. I. du Pont de Nemours & Co., Inc., Grasselli
Chemicals Dept., Wilmington, Del.
Florist Products, 1843 Oakton, Des Plaines, Ill.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp.
Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers, Port-
land 1, Ore.
Niagara Chemical Div., Food Machinery & Chemi-
cal Corp., Middleport, N. Y.
Olin Mathieson Chemical Corp., Plant Food Div.,
P.O. Box 991, Little Rock, Ark.
Rohm & Haas Co., 222 W. Washington Sq., Phila-
delphia 5, Pa.
Stauffer Chemical Co., 380 Madison Ave., N. Y. 17,
N. Y.; 636 California St., San Francisco 8, Calif.

ZIRAM

Corona Chemical Div., Pittsburgh Plate Glass Co.,
Moorestown, N. J.
E. I. du Pont de Nemours & Co., Inc., Grasselli
Chemicals Dept., Wilmington, Del.
General Chemical Div., Allied Chem. Corp., 40
Rector St., N. Y. 6, N. Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp.
Lane, Baltimore 15, Md.
Niagara Chemical Div., Food Machinery & Chemi-
cal Corp., Middleport, N. Y.
Sherwin-Williams Co., 101 Prospect Ave., N. W.,
Cleveland 1, Ohio
Stauffer Chemical Co., 380 Madison Ave., N. Y. 17,
N. Y.; 636 California St., San Francisco 8, Calif.

FERTILIZERS

AGRICULTURAL LIME

Benson-Maclean, Bridgeton, Ind.
Central Chemical Corp., Hagerstown, Md.
Gibsonburg Lime Prod. Co., Gibsonburg, Ohio.
Marble Cliff Quarries Co., 2100 Tremont Center,
Columbus 21, Ohio.
Ohio Lime Co., Woodville, Ohio.
Scioto Lime & Stone Co., Delaware, Ohio.
United States Gypsum Co., 300 W. Adams St.,
Chicago 6, Ill.

AMMONIUM NITRATE

Allied Chemical Corp., Nitrogen Div., 40 Rector St.,
N. Y. 6, N. Y.
American Cyanamid Co., Agricultural Div., 30 Rocke-
teller Plaza, N. Y. 26, N. Y.
Cominco Products, Inc., 933 W. 3rd Ave., Spokane
4, Wash.
Harshaw Chemical Co., 1945 E. 97th St., Cleveland
6, Ohio.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp.
Lane, Baltimore 15, Md.

AMMONIUM NITRATE LIMESTONE

Allied Chemical Corp., Nitrogen Div., 40 Rector St.,
N. Y. 6, N. Y.

AMMONIUM SULFATE

Cominco Products, Inc., 933 W. 3rd Ave., Spokane
4, Wash.
E. I. du Pont de Nemours & Co., Inc., Grasselli
Chemicals Dept., Wilmington, Del.
Miller Chemical & Fertilizer Corp., 3006 W. Cold
Sp. Lane, Baltimore 15, Md.

ANHYDROUS AMMONIA

Allied Chemical Corp., Nitrogen Div., 40 Rector St.,
N. Y. 6, N. Y.
American Cyanamid Co., Agricultural Div., 30 Rocke-
teller Plaza, N. Y. 26, N. Y.
Columbia-Southern Chemical Corp., One Gateway
Center, Pittsburgh 22, Pa.
Cominco Products, Inc., 933 W. 3rd Ave., Spokane
4, Wash.
Dow Chemical Co., Agricultural Chemical Div.,
Midland, Mich.
Grand River Chemical Div., Deere & Co., 2010 South
Utica, Tulsa, Okla.
Olin-Mathieson Chemical Corp., Mathieson Bldg.,
Baltimore, Md.
Shell Chemical Corp., 460 Park Ave., N. Y., N. Y.

AMERICAN VEGETABLE GROWER

You
up
res

VEGET

INTER
days betw
spray and

ES

nd, Calif.;
k, N. J.,
als Div.,
Ill.,
Corn., 40
Cold Sp.,
ners, Port-
& Chemi-
Food Div.,
N.J.,
N. W.,
N. Y., 17,
8, Calif.,
Grasselli
lor Way,

nd, Calif.;
Grasselli
Ill.,
Cold Sp.,
ners, Port-
& Chemi-
Food Div.,
Sq., Phila-
N. Y., 17,
8, Calif.,
Glass Co.,
Grasselli
Corp., 40
Cold Sp.,
& Chemi-
N. W.,
N. Y., 17,
8, Calif.,

RS

d, Ohio,
nt Center,
dams St.,
Rector St.,
30 Rocke-
Spokane
Cleveland
Cold Sp.,
ONE
Rector St.,

Spokane
Grasselli
W. Cold
Rector St.,
30 Rocke-
Gateway
Spokane
ical Div.,
2010 South
on Bldg.,
N. Y.,
GROWER



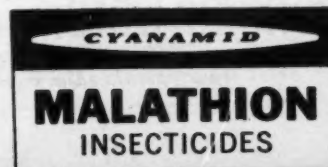
August 3rd

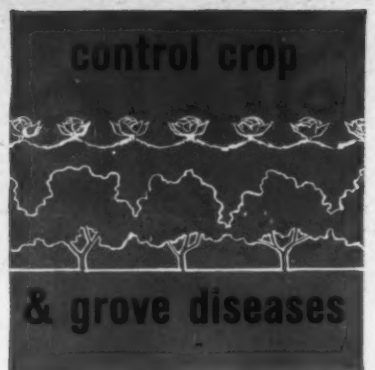


August 6th

You can spray most vegetables with malathion up to 72 hours from harvest without exceeding residue tolerances established by law.

VEGETABLE	tomatoes	broccoli	cabbage	melons	cauliflower & brussel sprouts	beans
INTERVAL days between last spray and harvest	1	3	3	1	7	1





replenish copper-depleted soil

TRIANGLE BRAND COPPER SULFATE

promotes healthy fruit
and vegetable profits

The natural and economical way to promote fruit and vegetable profits is to give your crops the protection and nourishment of copper sulfate.

More than 70 years of dependable performance by Triangle Brand Copper Sulfate have eliminated the disease risks you take with fruit and vegetable profits. In spray and dust form, it controls the diseases which attack the foliage and fruit of citrus and nut trees, as well as blight and diseases in vegetable crops (leaf spot, anthracnose, etc.). It acts naturally to replace the copper in the soil.

Triangle Brand Copper Sulfate does other farm jobs, too. It controls farm pond scum and algae. On fence posts, it provides lasting protection against termites and rot.

Send for your free booklet, you'll find it rewarding.

Phelps Dodge
Refining Corp.

300 PARK AVENUE
NEW YORK 22, NEW YORK



FERTILIZERS

BORAX

American Potash & Chemical Corp., 3030 W. 6th, Los Angeles 54, Calif.
Harshaw Chemical Co., 1945 E. 97th St., Cleveland 6, Ohio.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S. W. Caruthers, Portland 1, Ore.
Pacific Coast Borax Co., 100 Park Ave., N.Y. 17, N.Y.
Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.

CALCIUM CYANAMID

American Cyanamid Co., Agricultural Div., 30 Rockefeller Plaza, N.Y. 20, N.Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.

CHELATED COMPOUNDS

Crown Zellerbach Corp., Chemical Products Div., Camas 5, Wash.
Dow Chemical Co., Agricultural Chemical Div., Midland, Mich.
Florist Products, 1843 Oakton, Des Plaines, Ill.
Geigy Agricultural Chemicals, Div. of Geigy Chemical Corp., P.O. Box 430, Yonkers, N.Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Refined Products Corp., Lyndhurst, New Jersey
Victor Chemical Works, 155 N. Wecker Drive, Chicago 6, Ill.

COPPER SULFATE

Phelps-Dodge Refining Corp., 300 Park Ave., N.Y. 5, N.Y.; 230 N. Michigan Ave., Chicago 1, Ill.
Republic Chemical Corp., 94 Beekman St., N.Y. 38, N.Y.
Tennessee Corp., 617-29 Grant Bldg., Atlanta 1, Ga.

*FERRIC SULFATE

Stauffer Chemical Co., 636 California St., San Francisco 8, Calif.

LIQUID FERTILIZERS

H. D. Campbell Co., 106 Market St., Rochelle, Ill.
Clover Chemical Co., Box 10865, Pittsburgh 36, Pa.
Cominco Products, Inc., 933 West 3rd Ave., Spokane 4, Wash.
Florist Products, 1843 Oakton, Des Plaines, Ill.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Thompson Chemicals Corp., 3028 Locust St., St. Louis 3, Mo.; 2727 W. Hyperion, Los Angeles, Calif.

MAGNESIUM SULFATE

Central Chemical Corp., Hagerstown, Md.
Dow Chemical Co., Agricultural Chemicals Div., Midland, Mich.
E. I. du Pont de Nemours & Co., Inc., Grasselli Chemicals Dept., Wilmington, Del.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N.Y. 6, N.Y.
James Good, Inc., Susquehanna Ave. & Martha St., Philadelphia 25, Pa.
Harshaw Chemical Co., 1945 E. 97th St., Cleveland 6, Ohio.
International Minerals & Chemical Corp., Skokie, Ill.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.

MANGANESE SULFATE

E. I. du Pont de Nemours & Co., Inc., Grasselli Chem. Dept., Wilmington, Del.
Harshaw Chemical Co., 1945 E. 97th St., Cleveland 6, Ohio.
Merck & Co., Inc., Rahway, N. J.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Tennessee Corp., 619 Grant Bldg., Atlanta 1, Ga.

NITRATE OF POTASH

Chilean Nitrate Educational Bureau, Inc., 120 Broadway, N.Y. 5, N.Y.
Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.

NITRATE OF SODA

Allied Chemical Corp., Nitrogen Div., 40 Rector St., N.Y. 6, N.Y.
Chilean Nitrate Educational Bureau, Inc., 120 Broadway, N.Y. 5, N.Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Swift & Co., Agricultural Chemical Div., Union Stock Yards, Chicago 9, Ill.

NITROGEN SOLUTIONS

Allied Chemical Corp., Nitrogen Div., 40 Rector St., N.Y. 6, N.Y.
American Cyanamid Co., Agricultural Div., 30 Rockefeller Plaza, N.Y. 20, N.Y.
H. D. Campbell Co., 106 Market St., Rochelle, Ill.
Cominco Products, Inc., 933 West 3rd Ave., Spokane 4, Wash.
Grace Chemical Co., 501 Edway Bldg., Memphis 1, Tenn.

*Company's brand name.

Proved IN THE FIELD

25% to 50% Greater Yield & Quality

CAMPBELL'S GRO-GREEN

... with Foliage DIETENE
... with Soil DIETENE

LIQUID FERTILIZER

& Nitrogen Nutrient Concentrates

Chelated Iron & Trace Elements

Better Results, More Profit ... with less work!

In all parts of the country, farmers, seedsmen, growers and ranchmen are using CAMPBELL'S GRO-GREEN ... and getting immediate improvement in yield, quality and profit per acre. Less labor, less cost. You apply GRO-GREEN easily, without waste, using regular sprayer or irrigation equipment. Use with Planter attachments or broadcast. Gives plants a balanced diet, has all necessary growth elements, rapid penetration, quick results. One test—on your own fields, crops—will convince! A formula for every need!

Write for FREE SAMPLE! Test GRO-GREEN ... Watch it work!

H. D. CAMPBELL CO.

Farm Products Div.

Rochelle, Ill. PH: Rochelle 460

this year can be your best with

CLOVER'S DEHYDRATED LIQUID FERTILIZERS



increased yields—better quality crops
—earlier maturity for top price use:

FERTI-GROUND .. for ground application and pastures

FERTI-START ... for transplanting

FERTI-FOLIAGE .. for leaf feeding

FERTI-LIQUID ... the all-purpose liquid fertilizer

WRITE FOR INFORMATION

CLOVER CHEMICAL CO.

P. O. Box 10865 • Pittsburgh 36, Pa.

NUTRITIONAL

Amchem Products
Benson-Maclean
H. D. Campbell
Clover Chemical
Devon Chemical
E. I. du Pont
Del.
Florist Products
Marion Chemical
Miller Chemical
Lanc, Baltimore
Monsanto Chemical
St. Louis 24, Mo.
"Nac-hurs" Plant
Robert B. Peters
Ra-Pid-Gro Corp.
Swift & Co., Agr
Yarcs, Chicago
Victor Chemical
cage 6, Ill.

NUTRITION

Ferro Corp., A
Cie land 5, I
Florist Products,
Geigy Agricultural
ical Corp., P
Miller Chemical
Lanc, Baltimore
Tennessee Corp.

F.T. Fritted Trace

Provides essen
copper and
form. Won't
directed. Mos
year in premi
difference for
bag (or \$3.95)

FERRO CORP.

American Potas
Los Angeles 5
American Potas
Washington 6
International Mi
Philipp Bros. Cl
N. Y.
United States Po
20, N. Y.

SC

Benson-Maclean
California Spray
Haddonfield,
Florist Products,

IF Y

MAN

Feed gr

COB

Feed gr

CAR

Copper
Zinc
Mangan

T-B-

A rella
dusting

Order

THE HAR

C

Chicago • Cl
Angeles • Ne
JULY, 1959

NUTRITIONAL FOLIAR PLANT FOODS AND STARTER SOLUTIONS

Amchem Products, Inc., Ambler, Pa.
Benson-Maclean, Bridgeton, Ind.
H. D. Campbell Co., Campbell Bldg., Rochelle, Ill.
Clover Chemical Co., Box 10865, Pittsburgh 36, Pa.
Davison Chemical Co., Div. of W. R. Grace & Co.,
101 N. Charles St., Baltimore 3, Md.
E. I. du Pont de Nemours & Co., Wilmington 98,
Del.
Florist Products, 1843 Oakton, Des Plaines, Ill.
Marion Chemical Co., Marion, Ohio
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp.
Lane, Baltimore 15, Md.
Monsanto Chemical Co., Lindberg & Olive St. Road,
St. Louis 24, Mo.
"Na-Chut" Plant Food Co., Marion, Ohio
Robert B. Peters Co., 323 N. 16th St., Allentown, Pa.
Ra-Pid-Gro Corp., Box 13, Dansville, N.Y.
Swift & Co., Agricultural Chemical Div., Union Stock
Yards, Chicago 9, Ill.
Victor Chemical Works, 155 N. Wacker Dr., Chi-
cago 6, Ill.

NUTRITIONAL TRACE ELEMENTS

Ferro Corp., Agricultural Div., 4150 E. 56th St.,
Cleveland 5, Ohio
Florist Products, 1843 Oakton, Des Plaines, Ill.
Geigy Agricultural Chemicals, Div. of Geigy Chemi-
cal Corp., P.O. Box 430, Yonkers, N.Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp.
Lane, Baltimore 15, Md.
Tennessee Corp., 619 Grant Bldg., Atlanta 1, Ga.



Provides essential iron, boron, manganese, zinc, copper and molybdenum in new slow-soluble form. Won't leach away. Nontoxic when used as directed. More than 2 million pounds used last year in premium fertilizers. Try it and prove the difference for yourself! Send \$2.50 for 5-pound bag (or \$3.95 for 10 pounds), parcel post prepaid.

FERRO CORPORATION, 4191 East 56 St., Cleveland 5, Ohio

POTASH SALTS

American Potash & Chemical Corp., 3030 W. 6th,
Los Angeles 54, Calif.
American Potash Institute, 1102 16th St., N.W.,
Washington 6, D.C.
International Minerals & Chem. Corp., Skokie, Ill.
Phillips Bros. Chemicals, Inc., 37 Wall St., N. Y. 5,
N. Y.
United States Potash Co., 30 Rockefeller Plaza, N. Y.
20, N. Y.

SOIL CONDITIONERS

Benson-Maclean, Bridgeton, Ind.
California Spray-Chemical Corp., Richmond, Calif.;
Haddonfield, N. J.
Florist Products, 1843 Oakton, Des Plaines, Ill.

IF YOU NEED

● MANGANESE COMPOUNDS

Feed grade for animal nutrition.

● COBALT COMPOUNDS

Feed grade for animal nutrition.

● CARBONATES, TECH.

Copper
Zinc
Manganese

● T-B-C-S 53

A reliable fixed copper fungicide for dusting and spraying.

Order from Harshaw

THE HARSHAW CHEMICAL CO.
CLEVELAND 6, OHIO

Branches in:

Chicago • Cincinnati • Detroit • Houston • Los Angeles • New York • Philadelphia • Pittsburgh

JULY, 1959

B. F. Goodrich Chemical Co., 2060 E. 9th St.,
Cleveland 15, Ohio.
Maegco Dehydrating Co., Lexington, N. C.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp.
Lane, Baltimore 15, Md.
Monsanto Chemical Co., Lindberg & Olive St. Road,
St. Louis 24, Mo.
Niagara Chemical Div., Food Machinery & Chemi-
cal Corp., Middleport, N. Y.
Stern's Nurseries, Geneva, N. Y.

SOIL TESTING OUTFITS

Edwards Laboratory, Norwalk, Ohio
Florist Products, 1843 Oakton, Des Plaines, Ill.
LaMotte Chemical Products Co., Chestertown, Md.
Stoller Research Co., P.O. Box 1071, Santa Cruz, Calif.
Sudbury Laboratory, S. Sudbury, Mass.

SULFATE OF AMMONIA

Allied Chemical Corp., Nitrogen Div., 40 Rector St.,
N. Y. 6, N. Y.
American Cyanamid Co., Agricultural Div., 30 Rocke-
feller Plaza, N. Y. 20, N. Y.
Benson-Maclean, Bridgeton, Ind.
Central Chemical Corp., Hagerstown, Md.
Cominco Products, Inc., 933 W. 3rd Ave., Spokane
4, Wash.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp.
Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers, Port-
land 1, Ore.
Phillips Bros. Chemicals, Inc., 37 Wall St., N. Y. 5,
N. Y.
Shell Chemical Corp., 460 Park Ave., N. Y. 17,
Smith Agricultural Chem. Co., 618 N. Champion
Ave., Columbus 16, Ohio.

SULFUR

California Spray-Chemical Corp., Richmond, Calif.;
Haddonfield, N. J.
Central Chemical Corp., Hagerstown, Md.
Corona Chemical Div., Pittsburgh Plate Glass Co.,
Moorestown, N. J.
Florist Products, 1843 Oakton, Des Plaines, Ill.
Koppers Co., Inc., Koppers Bldg., Pittsburgh 19, Pa.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp.
Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers, Port-
land 1, Ore.
Niagara Chemical Div., Food Machinery & Chemi-
cal Corp., Middleport, N. Y.
Stauffer Chemical Co., 380 Madison Ave., N. Y. 17,
N. Y.; 636 California St., San Francisco 8, Calif.
Woolfolk Chemical Works, Ltd., Ft. Valley, Ga.

SUPERPHOSPHATE

American Agricultural Chemical Co., 50 Church St.,
N. Y. 7, N. Y.
Armour Fertilizer Works, 350 Hurt Bldg., Atlanta,
Ga.
Cominco Products, Inc., 933 W. 3rd Ave., Spokane
4, Wash.
Davison Chemical Co., Div. of W. R. Grace & Co.,
101 N. Charles St., Baltimore 3, Md.
Farmers Fertilizer Co., Columbus, Ohio.
International Minerals & Chem. Corp., Skokie, Ill.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp.
Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers, Port-
land 1, Ore.
Phillips Bros. Chemicals, Inc., 37 Wall St., N. Y. 5,
N. Y.
Stauffer Chemical Co., 636 California St., San Fran-
cisco 8, Calif.
Summers Fertilizer Co., Inc., McKeesport, Pa.
Swift & Co., Agricultural Chemical Div., Union
Stock Yards, Chicago 9, Ill.
Tennessee Corp., 619 Grant Bldg., Atlanta, Ga.

UREA

Allied Chemical Corp., Nitrogen Div., 40 Rector St.,
N. Y. 6, N. Y.
American Cyanamid Co., Agricultural Div., 30 Rocke-
feller Plaza, N. Y. 20, N. Y.
E. I. du Pont de Nemours & Co., Polychemicals
Dept., Wilmington, Del.
Grace Chemical Co., 501 Edway Bldg., Memphis 1,
Tenn.
Grand River Chemical Div., Deere & Co., Pryor,
Okla.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp.
Lane, Baltimore 15, Md.

GROWTH REGULATORS

COLCHICINE

Benson-Maclean, Bridgeton, Ind.

GIBBERELLIC ACID

Florist Products, 1843 Oakton, Des Plaines, Ill.
Eli Lilly & Co., Agricultural & Industrial Div.,
Indianapolis 6, Ind.
Merck & Co., Inc., Rahway, N. J.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp.
Lane, Baltimore 15, Md.
Chas. Pfizer & Co., Inc., 630 Flushing Ave., Brooklyn
6, N. Y.

GREATER YIELDS GREATER PROFITS WITH Simplex SOIL and TISSUE TESTING

pH

NO₃

P

K

NH₄

Ca

SO₄

Cl

CO₃

Mg

Al

NO₂

Fe

Mn

EASY

Simple test instructions
No knowledge of chemistry needed
Test results figured by simple arithmetic

ACCURATE

Test results in parts per million easily converted to pounds per 1000 sq. ft. or acre by simple tables

INEXPENSIVE

Outfits available in three, reasonably priced sizes—\$28.50, \$36.50, \$54.50
F.O.B. Norwalk, Ohio

MONEY BACK GUARANTEE

Write for full information before purchasing *just any* soil testing equipment. You'll be glad you did.

THE EDWARDS LABORATORY

P.O. Box 310E • NORWALK, OHIO

GROWTH RETARDERS

MALEIC HYDRAZIDE

General Chemical Div., Allied Chemical Corp., 40
Rector St., New York 6, N.Y.
Naugatuck Chemical Div., Naugatuck, Conn.
Pennsalt of Washington Div., 2901 Taylor Way, Ta-
come 2, Wash.

NXV (For Berries)

Science Products Co., 1230 E. 63rd St., Chicago 37,
Ill.

POTATO SPROUT INHIBITOR

Naugatuck Chemical Div., U. S. Rubber Co., Nauga-
tuck, Conn.
Pennsalt of Washington Div., 2901 Taylor Way, Ta-
come 2, Wash.

TOMATO HORMONE SPRAY

Benson Maclean, Bridgeton, Ind.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp.
Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Port-
land 1, Ore.
Naugatuck Chemical Div., U. S. Rubber Co., Nauga-
tuck, Conn.
Placo, P.O. Box 1389, Lexington, Ky.
Science Products Co., 1230 E. 63rd St., Chicago 37,
Ill.

TRANSPLANT HORMONES

Amchem Products, Inc., Ambler, Pa.
Benson-Maclean, Bridgeton, Ind.

2,4-D and 2,4,5-T

See WEED KILLERS

PLACO ACTIVATED HORMONE

A blossom set with added features for Tomatoes, Strawberries, Cucumbers, Lima Beans. Greatly increases production—higher percentage of first quality fruit that keeps longer—better.

Developed by Dr. Emmert of the University of Kentucky as reported in American Vegetable Grower, Farm Journal, Newspapers, etc. Patented by Kentucky Research Foundation.

Write

PLACO Box 1389 Lexington, Ky.



Monsanto's

"Red" Emm says:

Read how these vegetable growers cut hand-weeding, saved money by spraying VEGADEx® on their fields

NEW YORK GROWER SAYS . . . "I sprayed Vegadex on my seedbeds of cabbage, broccoli and cauliflower, and found it very satisfactory. *Vegadex eliminated all hand labor*, while in 1957, seedbeds of comparable size cost considerably more because of hand labor."

V. S. Howard, Fancher, New York

MICHIGAN GROWER SAYS . . . "I treated 30 acres of celery with Vegadex as a directed spray immediately after transplanting. Used properly, *Vegadex is a real money saver*. After this season, I don't see how I can grow celery without Vegadex."

Richard Hart, Hudsonville, Michigan

LOUISIANA GROWER SAYS . . . "Vegadex saved me at least \$60.00 an acre in hand-weeding labor costs for my cabbage. And it will enable me to put another 40 acres into year-round production."

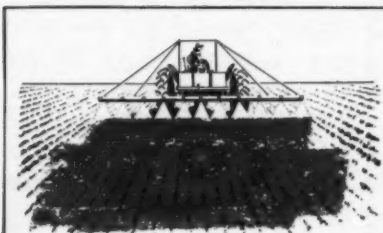
J. P. Ranatza, Belle Chasse, Louisiana

VEGADEX WILL SAVE MONEY FOR YOU, TOO! This new, spray-as-you-plant weed killer for vegetables **kills weeds as they sprout**. By practically eliminating hand-weeding, it gives you more freedom in timing the operations of your labor crews . . . a fact proved by commercial growers in their own fields.

VEGADEX CONTROLS . . . purslane, careless weed, henbit (blueweed), pigweed, crab grass, barnyard grass (water grass), bull grass (goose grass), chickweed, foxtails, annual bluegrass.

VEGADEX IS SAFE FOR . . . collards, mustard greens, turnip greens, broccoli, cabbage, snap beans, soybeans, celery, sweet corn, kale, spinach, hanover salad, brussels sprouts, lima beans, lettuce, garden beets, cauliflower, field corn.

HOW VEGADEX SAVES UP TO \$100/ACRE ON HAND-WEEDING



Spray Vegadex on the soil when you plant. It forms an invisible chemical "blanket" that covers your fields, gives full control of grassy weeds.



When weeds sprout, they touch the Vegadex "blanket" and die . . . but crops come through unharmed. And Vegadex won't build up in your soil.



Here's how you PROFIT . . . 1. You grow healthier, cleaner vegetables. 2. You can save from \$20 to \$100 per acre on hand-weeding costs.

MONSANTO CHEMICAL COMPANY, Organic Chemicals Division
Agricultural Chemicals Department, St. Louis 66, Missouri

Please send me more information on Vegadex.

Name _____

Address _____

City or County _____

State _____

FOR MORE INFORMATION ON
HOW VEGADEX WORKS IN YOUR AREA,
MAIL COUPON TODAY

Monsanto

AMERICAN VEGETABLE GROWER

FUN

Merck & Co., Inc.

Florist Products,
Pasogen, Inc.,
Wacker Dr., C

ETH

Dow Chemical

Midland, Mich

Miller Chemical

Lane, Baltimore

Miller Products

land 1, Ore.

Niagara Chemi

ical Corp., Mi

Union Carbide

Chemicals, 18

Miller Chemical

Lane, Baltimore

Shell Chemical

M

Dow Chemical

Midland, Mich

Florist Products,

Michigan Chemi

Miller Chemical

Lane, Baltimore

Niagara Chemi

ical Corp., Mi

Pasogen, Inc.,

Wacker Dr., C

Miller Chemical

Lane, Baltimore

Union Carbide

Chemicals, 18

*Company's br

SOIL FUMIGANTS

CALCIUM CYANAMIDE
Merck & Co., Inc., Rahway, N.J.

CHLOROPICRIN
Florist Products, 1843 Oakton, Des Plaines, Ill.
Panogen, Inc., Div. of Morton Chemical Co., 110 N. Wacker Dr., Chicago 6, Ill.

ETHYLENE DIBROMIDE
Dow Chemical Co., Agricultural Chemical Div., Midland, Mich.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers, Portland 1, Ore.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N.Y.
Union Carbide Chemicals Co., CRAG Agricultural Chemicals, 180 S. Broadway, White Plains, N.Y.

D-D
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Shell Chemical Corp., 460 Park Ave., N.Y., N.Y.

METHYL BROMIDE
Dow Chemical Co., Agricultural Chemicals Div., Midland, Mich.
Florist Products, 1843 Oakton, Des Plaines, Ill.
Michigan Chemical Co., St. Louis, Mich.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N.Y.
Panogen, Inc., Div. of Morton Chemical Co., 110 N. Wacker Dr., Chicago 6, Ill.

***MYLONE**
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Union Carbide Chemicals Co., CRAG Agricultural Chemicals, 180 S. Broadway, White Plains, N.Y.
*Company's brand name.

SEEDS

To start your crops

BEST SPRAYS

To protect them

Write today for list

- INSECTICIDES
- FUNGICIDES
- WEED KILLERS

Letherman's

Dept. VG
Canton 2, Ohio

See pages 49 and 51 for
BRAND NAMES
of
ORGANIC PESTICIDES

OXYQUINOLINE COMPOUND (SUNOX)
Midvale Chemical Co., Lodi, N.J.

***VAPAM**
Stauffer Chemical Co., 380 Madison Ave., N. Y. 17, N. Y.

WEED KILLERS

AMINO TRIAZOLE

Amchem Products, Inc., Ambler, Pa.
American Cyanamid Co., Agricultural Div., 30 Rockefeller Plaza, N. Y. 20, N. Y.
Florist Products, 1843 Oakton, Des Plaines, Ill.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Olin Mathieson Chemical Corp., P.O. Box 991, Little Rock, Ark.

When writing advertisers please mention
AMERICAN VEGETABLE GROWER

AMMONIUM SULFAMATE

E. I. du Pont de Nemours & Co., Inc., Grasselli Chemicals Dept., Wilmington, Del.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.

CDAA (*RANDOX)

Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Monsanto Chemical Co., Lindberg & Olive St. Road, St. Louis 24, Mo.

CDEC (*VEGEDEX)

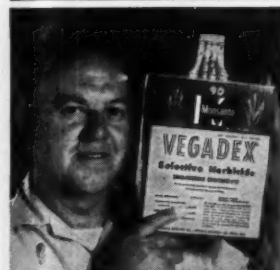
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Monsanto Chemical Co., Lindberg & Olive St. Road, St. Louis 24, Mo.

CET (*SIMAZINE)

Geigy Agricultural Chemicals, Div., of Geigy Chemical Corp., P.O. Box 430, Yonkers, N.Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.

MONSANTO'S "RED" EMM SAYS:

**VEGADEX is available now
through the following distributors:**



ARIZONA
Glendale—Arizona Agro Phosphate Company
Phoenix—Arizona Fertilizers, Inc.

ARKANSAS
Ft. Smith—Old Fort Anhydrous Ammonia Co.
Affiliate: Fort Smith Cotton Oil Co., Inc.
North Little Rock—Adkins-Phelps Seed Co.

CALIFORNIA
Bakersfield—Wilbur-Ellis Company
Sunland Industries, Inc.
Brawley—L. H. Butcher Company
Durham Chemical Company
Chula Vista—Wilbur-Ellis Company
Coachella—Durham Chemical Company
Fresno—L. H. Butcher Company
Fresno Agricultural Chemical Co.
Livingston—Sunland Industries, Inc.
Los Angeles—L. H. Butcher Company
Durham Chemical Company
Milpitas—Sunland Industries, Inc.
Porterville—Sunland Industries, Inc.
Sacramento—Sunland Industries, Inc.
Salida—Sunland Industries, Inc.
Salinas—Soilserv, Inc.
San Joaquin—San Joaquin Agro Company
San Jose—Moyer Chemical Company
Santa Cruz—Sunland Industries, Inc.
Sebastopol—Sunland Industries, Inc.
South Gate—Los Angeles Chemical Company
Stockton—Sunland Industries, Inc.
Tranquillity—Sunland Industries, Inc.
Tulare—Sunland Industries, Inc.
Tulelake—Oregon Agricultural Chemicals
Wasco—Sunland Industries, Inc.

COLORADO
Longmont—Farm Chemical Company

CONNECTICUT
Shelton—Axtion-Cross Company

FLORIDA
Fort Pierce—W. R. Grace & Company,
Davison Chemical Division

Jacksonville—Florida Agricultural Supply Co.
Plant City—The Kluge Seed Company

ILLINOIS

Bloomington—Funk Brothers Seed Company
Fairmont—Trisler Seed Farms
Rockford—Spray-Rite Corporation
Springfield—Schafer Supply Company

INDIANA

Evansville—Hahn, Inc.
Fort Wayne—Inland Chemical Corporation
McMillen Feed Mills
Indianapolis—Indiana Farm Bureau Co-op
Association, Inc., Farm Chemical Section
Williamsport—Masters Equipment Service

IOWA

Burlington—Riley Brothers, Inc.
Des Moines—Standard Seed Company

KENTUCKY

Louisville—Louisville Chemical Company

LOUISIANA

Houma—Bel Chemical & Supply Co., Inc.

MARYLAND

Baltimore—Miller Chemical & Fertilizer Corp.
Frederick—Miller Chemical & Fertilizer Corp.
Salisbury—Miller Chemical & Fertilizer Corp.
Whiteford—Miller Chemical & Fertilizer Corp.

MASSACHUSETTS

Framingham—Axtion-Cross Corporation
West Concord—Eastern States Farmers
Exchange
West Springfield—Eastern States Farmers
Exchange

MICHIGAN

Flint—Reliance Oil Company
Grand Rapids—Haviland Agricultural
Chemical Company

MINNESOTA

Minneapolis—George A. Clark & Son, Inc.
Twin City Seed Company
St. Paul—Lyon Chemicals, Inc.
Minnesota Farm Bureau Service Company
Seldon-Watts Seed Company

MISSISSIPPI

Greenville—Walcott & Steele, Inc.

MISSOURI

Bethany—Langfitt Seed Farms &
Elevators, Inc.
Kansas City—Western Mercantile Company
Portageville—Adams Seed & Supply
St. Louis—Associated Sales & Supply Co.
Cornell Seed Company
G. S. Robins & Company
Springfield—Lipscomb Agricultural Supply

NEBRASKA

Grand Island—Griswold Seed Company
Lincoln—Griswold Seed Company
Norfolk—Griswold Seed Company
Scottsbluff—Brown Farm Chemical Company

NEW JERSEY

Linden—Residex Corporation
Richwood—Miller Chemical &
Fertilizer Corp.
West Caldwell—Rockland Chemical
Co., Inc.

NEW YORK

Alton—Barker Chemical Corporation
Barker—Barker Chemical Corporation

NORTH CAROLINA

Kinston—Daly-Herring Company

NORTH DAKOTA

Fargo—Interstate Seed & Grain
Company

OHIO

Cincinnati—D. R. Van Atta Seed
Company
Columbus—Farm Bureau Cooperative
Association, Inc.
Kingston—Flo-Lizer, Inc.
St. Paris—Green Belt Chemical
Company
Sandusky—The Diamond Fertilizer Co.

OKLAHOMA

Muskogee—Muskogee Seed Company

OREGON

Portland—L. H. Butcher Company
Pacific Supply Cooperative
Wilbur-Ellis Company

PENNSYLVANIA

Ephrata—Miller Chemical & Fertilizer
Corporation
Hanover—Miller Chemical & Fertilizer
Corporation
Harrisburg—Beachly-Hardy Seed Co.
New Brighton—Brighton By-Products
Company, Incorporated
York—Eastern States Farmers'
Exchange

SOUTH CAROLINA

Charleston—W. R. Grace & Company,
Davison Chemical Division

SOUTH DAKOTA

Sioux Falls—Dakota Iron Store

TENNESSEE

Nashville—Dobson-Hicks Company

TEXAS

Llano—Agricultural Chemicals, Inc.
Mission—Hayes-Sammons Chemical Co.

UTAH

Salt Lake City—L. H. Butcher
Company
Wasatch Chemical Company

VIRGINIA

Norfolk—Turf & Garden Suppliers

WASHINGTON

Seattle—L. H. Butcher Company
Pacific Agro Company
Wilbur-Ellis Company

WISCONSIN

De Pere—Osen Milling Company
Jenaca—Farmite Sprayer, Inc.
Kenosha—N. S. Koos & Son Company



Look for this sign . . . It's your
assurance of Monsanto Quality

WEED KILLERS

CHLORO IPC

Amchem Products, Inc., Ambler, Pa.
California Spray-Chemical Co., 711 14th St., N. W., Washington 5, D. C.; Richmond, Calif.
Chipman Chemical Co., Pasadena, Texas; Bound Brook, N. J.
Columbia-Southern Chem. Co., Sub. Pittsburgh Plate Glass Co., One Gateway Center, Pittsburgh 22, Pa.
Florist Products, 1843 Oakton, Des Plaines, Ill.
General Chemical Div., Allied Chemical Corp., 40 Rector St., New York 6, N.Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Olin-Mathieson Chemical Co., Little Rock, Ark.; P.O. Box 1996, Baltimore 3, Md.
Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.

DALAPON (*DOWPON)

Dow Chemical Co., Agricultural Chemicals Div., Midland, Mich.

DINITRO BUTYL PHENOL

California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
Dow Chemical Co., Agricultural Chemicals Div., Midland, Mich.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N. Y. 6, N. Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Standard Agricultural Chemicals, Inc., 1301 Adams St., Hoboken, N. J.

DIURON (*KARMEX DW)

E. I. du Pont de Nemours & Co., Wilmington 98, Del.

ENDOTHAL

Pennsalt of Wash. Div., 2901 Taylor Way, Tacoma 2, Wash.

EPTC (*EPTAM)

Florist Products, 1843 Oakton, Des Plaines, Ill.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Stauffer Chemical Co., 380 Madison Ave., N. Y. 17, N. Y.

ERBON

Dow Chemical Co., Midland, Mich.

FENURON

E. I. du Pont de Nemours & Co., Wilmington 98, Del.

HCA

General Chemical Div., Allied Chemical Corp., 40 Rector St., N.Y. 6, N.Y.

MALEIC HYDRAZIDE

General Chemical Div., Allied Chemical Corp., 40 Rector St., N. Y. 6, N. Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Nautaguck Chemical Div., U. S. Rubber Co., Nautaguck, Conn.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.
Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.
Thompson Chemicals Corp., 3028 Locust St., St. Louis 3, Mo.; 2727 W. Hyperion, Los Angeles, Calif.

MONO-CALCIUM ARSENITE

Corona Chemical Div., Pittsburgh Plate Glass Co., Moorestown, N. J.

MONURON

E. I. du Pont de Nemours & Co., Wilmington 98, Del.

NEBURON

E. I. du Pont de Nemours & Co., Wilmington 98, Del.

N. I. X.

B. F. Goodrich Chemical Co., 2060 E. 9th St., Cleveland 15, Ohio.

N P A (ALANAP-3)

General Chemical Div., Allied Chemical Corp., 40 Rector St., N. Y. 6, N. Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Nautaguck Chemical Div., U. S. Rubber Co., Nautaguck, Conn.
Olin Mathieson Chemical Corp., P.O. Box 991, Little Rock, Ark.
Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.

*Company's brand name.

PCP (PENTACHLOROPHENOL)

Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N. J.
Dow Chemical Co., Agricultural Chemicals Div., Midland, Mich.
General Chemical Div., Allied Chemical Corp., 40 Rector St., N. Y. 6, N. Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Monsanto Chemical Co., Lindberg & Olive St. Road, St. Louis 24, Mo.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.
Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.
Thompson Chemicals Corp., 3028 Locust St., St. Louis 3, Mo.; 2727 W. Hyperion, Los Angeles, Calif.

SES

Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Union Carbide Chemicals Co., CRAG Agricultural Chemicals, 180 S. Broadway, White Plains, N.Y.

SILVEX

Dow Chemical Co., Midland, Mich.

SODIUM ARSENITE

Chipman Chemical Co., Inc., Bound Brook, N. J.
General Chemical Div., Allied Chemical Corp., 40 Rector St., N.Y. 6, N.Y.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y.
Pennsalt of Wash. Div., 2901 Taylor Way, Tacoma 2, Wash.
B. G. Pratt Co., 204 21st Ave., Paterson, N. J.

SODIUM SALT OF DINITRO-ORTHO-CRESOL

California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Sherwin-Williams Co., 101 Prospect Ave., N. W., Cleveland 1, Ohio
Standard Agricultural Chemicals, Inc., 1301 Adams St., Hoboken, N. J.

SUBSTITUTED UREA HERBICIDES

E. I. du Pont de Nemours & Co., Wilmington, Del.

TOMATO GROWERS!

PROFIT BY

Earlier - Faster Harvesting

WITH

SHED-A-LEAF "L"

Acts as a dessicant when sprayed on tomato plants. Quickly dries up the leaves so that tomatoes are exposed to more sunlight. Results in early ripening and picking. Harvesting is easier and faster. Mold is reduced by quicker drying of plants.

Write for Special Bulletin

CHIPMAN CHEMICAL CO.

Dept. V, Bound Brook, N. J.

T C A

California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N. J.
Dow Chemical Co., Agricultural Chemicals Div., Midland, Mich.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N. Y. 6, N. Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Standard Agricultural Chemicals, Inc., 1301 Adams St., Hoboken, N. J.
Stauffer Chemical Co., 4111 S. 11th St., Omaha, Nebr.; Box 68, Suttle Rd., North Portland, Ore.

TOMATO DEFOLIANT

Chipman Chemical Co., Inc., Bound Brook, N. J.

TRICHLOROBENZOIC ACID

E. I. du Pont de Nemours & Co., Wilmington 98, Del.

2,4-D and 2,4,5-T

Amchem Products, Inc., Ambler, Pa.
California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
Chemagro Corp., 437 Fifth Ave., N.Y., N.Y.
Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N. J.
Chipman Chemical Co., Inc., Bound Brook, N. J.
Diamond Alkali Co., 300 Union Commerce Bldg., Cleveland 14, Ohio
Dow Chemical Co., Agricultural Chemicals Div., Midland, Mich.
Florist Products, 1843 Oakton, Des Plaines, Ill.
Geigy Agricultural Chemicals, Div. of Geigy Chemical Corp., P.O. Box 430, Yonkers, N.Y.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N. Y. 6, N. Y.
Miller Chemical & Fertilizer Corp., 3006 W. Cold Sp. Lane, Baltimore 15, Md.
Miller Products Co., Ft. of S.W. Caruthers, Portland 1, Ore.
Monsanto Chemical Co., Lindberg & Olive St. Road, St. Louis, Mo.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y.
Olin Mathieson Chemical Corp., P.O. Box 991, Little Rock, Ark.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.
Reesor-Hill Corp., Jacksonville, Ark.
Standard Agricultural Chemicals, Inc., 1301 Adams St., Hoboken, N. J.
Stauffer Chemical Co., 4111 S. 11th St., Omaha, Nebr.; Box 68, Suttle Rd., North Portland, Ore.
Swift & Co., Agricultural Chemical Div., Union Stock Yards, Chicago 9, Ill.

XANTHOGEN DISULFIDE (HERBISAN)

Roberts Chemical Co., 1427 San Run Road, Akron 13, Ohio

• Successful Truck Farming, by Gerald J. Stout. This book features a new approach to the study of farm crop production, with emphasis on relationship of crop, soil, climate, and man-made factors of mechanization and government regulation to factors of market acceptance. Sent postpaid upon receipt of \$6.25.

AMERICAN VEGETABLE GROWER
Willoughby, Ohio

CONTROL

- late blight
- bacterial canker
- wilt and mildew

with

cm-19

Safe on foliage of potatoes and tomatoes when used as directed.

Industrial **GUARDIAN**
Division **CHEMICAL CORPORATION**

38-15 38th St., Long Island City 1, N.Y.

AMERICAN VEGETABLE GROWER

PESTICIDE AND BRAND NAMES

ALDRIN
Aldrin
Chipman Aldr
Corona Aldr
Drinox
Niagara Aldr
Orchard Bran
Ortho Aldrin
Penco Aldrin
Security Bran
Stauffer Aldr

ANTIBIOTICS

Actispray
Actispray
Agri-strep
Agri-strep
Phytomycin
Strepspray

Str
Agri-mycin 10
Agri-mycin 1
Agri-mycin 1
Agri-mycin 10
biotic Dust

Copper
Agri-mycin 5
Agri-mycin 5

*ARAMITE

Aracide
Aramite
Chipman Ara
Corona Aramite
Niagara Aramite
Orchard Bran
Ortho Aramite
Penco Aramite
Stauffer Ara

B-622

Dyrene

BACILLUS THU

(Microbial I
Agriitol

BAYER 17147

Guthion

BHC

Benzahex
Benzex
BHC 10 Sp
Corona BHC
Ortho BHC
Isotox
Lexone
Lintox
Orchard Bra
Penco BHC
Penco Hi Ga
Stauffer BE

CAPTAN

Orthocide
Stauffer Cap

CHLORANIL

Spergon

CHLORDANE

Chipman Cl
Chlor Kil
Corodane
Ortho Chlor
Ortho-Klor
Penco Chlor
Pratts Chlor
Security Bra
Chlordane
Sherwin-Wil
Chlordane
Stauffer Ch
Synklor

CHLOROBENZ

Chlorobenzil

*CYPREX

Cyprex

*Company's b

JULY, 1959

THE NEWER ORGANIC PESTICIDES

With Some Commonly Known Brand Names

PESTICIDE AND BRAND NAMES

COMPANY

ALDRIN

Aldrin	Shell Chemical
Chipman Aldrin	Chipman Chemical
Corona Aldrin	Pittsburgh Plate Glass
Drinox	Panogen
Niagara Aldrin	Niagara
Orchard Brand Aldrin	General Chemical
Ortho Aldrin	Calif. Spray-Chemical
Penco Aldrin	Pennsalt Chemicals
Security Brand Aldrin	Woolfolk
Stauffer Aldrin	Stauffer

ANTIBIOTICS

Actidione

Actispray	Niagara
Actispray	Upjohn

Streptomycin

Agri-trep	Merck
Agri-trep	Niagara
Phytomycin	Squibb
Strepspray	United Heckathorn

Streptomycin-Terramycin

Agri-mycin 100	Chas. Pfizer
Agri-mycin 100	Chipman Chemical
Agri-mycin 100	General Chemical
Agri-mycin 100 Anti-biotic Dust	Pacific Guano Co.
	L. H. Butcher Co.
	Moyer Chemical Co.
	Sunland Industries, Inc.
	United Chemical Co.

Copper-Streptomycin-Terramycin

Agri-mycin 500	Chas. Pfizer
Agri-mycin 500	General Chemical

*ARAMITE

Aracide	United Heckathorn
Aramite	U.S. Rubber
Chipman Aramite	Chipman Chemical
Corona Aramite	Pittsburgh Plate Glass
Niagara Aramite	Niagara
Orchard Brand Aramite	General Chemical
Ortho Aramite	Calif. Spray-Chemical
Penco Aramite	Pennsalt Chemicals
Stauffer Aramite	Stauffer

B-422

Dyrene	Chemagro
--------	----------

BACILLUS THURINGIENSIS

(Microbial Insecticide)	
Agri-trol	Merck

BAYER 17147

Guthion	Chemagro
---------	----------

BHC

Benzahex	Chipman Chemical
Benzex	Woolfolk
BHC 10 Spray	Niagara
Corona BHC	Pittsburgh Plate Glass
Ortho BHC	Calif. Spray-Chemical
Isotox	Calif. Spray-Chemical
Lexone	DuPont
Lintox	Stauffer
Orchard Brand BHC	General Chemical
Penco BHC	Pennsalt Chemicals
Penco Hi Gamma BHC	Pennsalt Chemicals
Stauffer BHC	Stauffer

CAPTAN

Orthocide	Calif. Spray-Chemical
Stauffer Captan	Stauffer

CHLORANIL

Spargon	U.S. Rubber
---------	-------------

CHLORDANE

Chipman Chlordane	Chipman Chemical
Chlor Kil	Niagara
Corodane	Pittsburgh Plate Glass
Ortho Chlordane	Calif. Spray-Chemical
Ortho Klor	Calif. Spray-Chemical
Penco Chlordane	Pennsalt
Pratts Chlordane	B. G. Pratt
Security Brand Chlordane	Woolfolk
Sherwin-Williams Chlordane	Sherwin-Williams
Stauffer Chlordane	Stauffer
Synklor	U.S. Rubber

CHLOROBENZILATE

Chlorobenzilate	Geigy
-----------------	-------

*CYPREX

Cyprex	American Cyanamid
--------	-------------------

*Company's brand name.

JULY, 1959

PESTICIDE AND BRAND NAMES

COMPANY

DDD (TDE)

Corona Rothane	Pittsburgh Plate Glass
Orchard Brand TDE	General Chemical
Niagara DDD	Niagara
Ortho TDE	Calif. Spray-Chemical
Rothane	Rohm & Haas
Rothane	Sherwin-Williams
Security Brand DDD	Woolfolk
Stauffer DDD	Stauffer

DDT

Chipman DDT	Chipman Chemical
Corona 50-50 W	Pittsburgh Plate Glass
DDTol	Sherwin-Williams
Decenate	DuPont
Geigy DDT	Geigy
Genitox	General Chemical
Monsanto DDT	Monsanto
Niatox	Niagara
Orchard Brand DDT	General Chemical
Ortho DDT	Calif. Spray-Chemical
Penco DDT	Pennsalt Chemicals
Pratts DDT	B. G. Pratt
Security Brand DDT	Woolfolk
Standard DDT	Standard Oil (Ind.)
Stauffer DDT	Stauffer

DEMETON

Systox	Stauffer
Systox	Chemagro
Systox	Niagara
Systox	Chipman Chemical
Systox	Woolfolk

DIBROM

Ortho Dibrom	Calif. Spray-Chemical
--------------	-----------------------

*DIAZINON

Diazinon	Geigy
----------	-------

Directory listings will give you names and addresses of additional manufacturers and suppliers of pesticides, herbicides, and soil fumigants. Please refer to Buyer's Guide Index on pages 15 and 16.

DICHLONE

Corona Phygon-XL	Pittsburgh Plate Glass
Corona Phygon-Sulfur	Pittsburgh Plate Glass
Kolo 100	Niagara
Orchard Brand Phygon-XL	General Chemical
Phygon-XL	U. S. Rubber
Stauffer Phygon	Stauffer

DIELDRIN

Chipman Dieldrin	Chipman Chemical
Corona Dieldrin	Pittsburgh Plate Glass
Niagara Dieldrin	Niagara
Dieldrin	Shell Chemical
Orchard Brand Dieldrin	General Chemical
Ortho Dieldrin	Calif. Spray-Chemical
Panoram D-31	Panogen
Penco Dieldrin	Pennsalt Chemicals
Pratts Dieldrin	B. G. Pratt
Security Brand Dieldrin	Woolfolk
Sherwin-Williams Dieldrin	Sherwin-Williams
Standard Dieldrin	Standard Oil (Ind.)
Stauffer Dieldrin	Stauffer

DINITROS-DORMANT

Corodinec	Pittsburgh Plate Glass
Corona Dinitro Powder	Pittsburgh Plate Glass
Dinitro Dry	Niagara
Dinitrol	Sherwin-Williams
DN Drymix No. 1	Dow
DN Drymix No. 2	Dow
DN-289	Dow
Elgetol	Standard Agri. Chem.
Elgetol 30	Standard Agri. Chem.
Elgetol 318	Standard Agri. Chem.
Nitro Vaporol	Calif. Spray-Chemical

DINITROS-SUMMER

DN-111	Dow
--------	-----

*DYRENE

Dyrene	Chemagro
--------	----------

ENDRIN

Chipman Endrin	Chipman Chemical
Corona Endrin	Pittsburgh Plate Glass
Endrin	Niagara
Endrin	Shell Chemical
Endrin	Velsicol
Orchard Brand Endrin	General Chemical
Ortho Endrin	Calif. Spray-Chemical
Penco Endrin	Pennsalt Chemicals
Security Brand Endrin	Woolfolk
Stauffer Endrin	Stauffer

PESTICIDE AND BRAND NAMES

COMPANY

EPN

EPN 300	DuPont
---------	--------

ETHION

Niagara Ethion	Niagara
----------------	---------

FENSON

Penco Fenson	Pennsalt Chemicals
--------------	--------------------

FERRAM

Carbamate	Niagara
Chipman Ferram 76	Chipman Chemical
Coromate	Pittsburgh Plate Glass
Fermate	DuPont
Karbam Black	Sherwin-Williams
Ortho Ferram	Calif. Spray-Chemical
Orchard Brand Ferram	General Chemical
Security Brand Ferram	Woolfolk
Stauffer Ferram	Stauffer

*GENITE 923

Genite 923	General Chemical
------------	------------------

GLYODIN

Crag Glyodin	Union Carbide Chem.
Glyoxide Dry	Corona

*GUTHION

Guthion	Chemagro
---------	----------

HEPTACHLOR

Chipman Heptachlor	Chipman Chemical
Drinox H-34	Panogen
Heptachlor	Velsicol
Heptaspray	United Heckathorn
Niagara Heptachlor	Niagara
Orchard Brand Heptachlor	General Chemical
Ortho Heptachlor	Calif. Spray-Chemical
Penco Heptachlor	Pennsalt
Security Brand Heptachlor	Woolfolk
Standard Heptachlor	Standard Oil (Ind.)
Stauffer Heptachlor	Stauffer

*KARATHANE

Karathane	Rohm & Haas
Mildex	Larvacide Products

*KELTHANE

Kelthane	Rohm & Haas
----------	-------------

*KORLAN

Korlan	Dow
--------	-----

LINDANE

Chipman Lindane	Chipman Chemical
Isotox	Calif. Spray-Chemical
Niagara Lindane	Niagara
Orchard Brand Lindane	General Chemical
Penco Lindane	Pennsalt Chemicals
Pratts Lindane Spray	B. G. Pratt
Security Brand Lindane	Woolfolk
Stauffer Lindane	Stauffer

MALATHION

Chipman Malathion	Chipman Chemical
Corona Malathion	Pittsburgh Plate Glass
Malaspray	United Heckathorn
Malathion Technical	American Cyanamid
Malathion 50 Spray	Niagara
Orchard Brand Malathion	General Chemical
Ortho Malathion	Calif. Spray-Chemical
Penco Malathion	Pennsalt Chemicals
Pratts Malathion Spray	B. G. Pratt
Security Brand Malathion	Woolfolk
Sherwin-Williams Malathion	Sherwin-Williams
Standard Malathion	Standard Oil (Ind.)
Stauffer Malathion	Stauffer

MANEB

Dithane M-22	Rohm & Haas
Manzate	DuPont

METACIDE

Metacide 50	Chemagro
-------------	----------

METHOXYCHLOR

Chipman Methoxychlor	Chipman Chemical
Corona Methoxychlor	Pittsburgh Plate Glass
Geigy Methoxychlor	Geigy
Marlate	DuPont
Methoxide	Niagara
Orchard Brand Methoxychlor	General Chemical
Ortho Methoxychlor	Calif. Spray-Chemical
Stauffer Methoxychlor	Stauffer

(Continued on page 51)



Now use **SEVIN** Insecticide

for outstanding control of MEXICAN BEAN BEETLE

SEVIN insecticide is the new and different carbamate pesticide that bean growers have been waiting for! It controls major bean insects, and is highly effective against Mexican bean beetle. One or two applications a season often does the entire job. The cost of bean beetle control with **SEVIN** is low. The result is better yields and profits — with snap beans, dry beans and lima beans.

Hundreds of bean growers have tested **SEVIN** insecticide and found it outstanding. Experiment stations find that **SEVIN** controls all stages of Mexican bean beetle, and makes the job easier. **SEVIN** also controls leafhoppers and Lygus bugs.

SEVIN is easy to use with safety. Tests indicate you can apply it right to the day of harvest, if necessary,

without exceeding the residue tolerance. And field hands or pickers can work in the field immediately after application.

As soon as insects appear, sock 'em with SEVIN! This long-lasting new insecticide gives you efficient insect control with fewer applications.

CONTROLS MAJOR BEAN INSECTS
MEXICAN BEAN BEETLE
LYGUS BUGS • LEAFHOPPERS

Ask your supplier now for CRAG SEVIN 50W wettable powder for sprays. Or get a dust formulation. With either product, you get excellent insect control for a bigger, better crop of beans.

SEE YOUR SEVIN SUPPLIER TODAY

Union Carbide Chemicals Company

Division of Union Carbide Corporation • 30 East 42nd Street New York 17, N. Y.



"Crag", "Sevin" and "Union Carbide" are trade marks of Union Carbide Corporation.

BRA

(Con)
**PESTICIDE
AND
BRAND NAMES**

NABAM
Dithane D-14
Niagara Nabam
Ortho Nabam
Parzate
Stauffer Nabam

***NIACIDE**
Niacide

ORGANO-MERC
Coronere
Merban 10
Orchard Brand
Mercury S
Orchard Brand
Agricultural
Orchard Brand
Panogen
Phix
Furitized Ag
Spray
Furitized Ag
Stauffer Mer
Stauffer Mer
Tag

OVEX
Corotran
Mitran
Niagaratran
Orchard Brand
Orbitran
Ovotran
Stauffer Ovex

PARATHION
Aqua Plos K
Chemagro Pa
Chipman Parathion
Corothion
Niran
Orchard Brand
Parathion
Ortho Parathion
Orthophos
Panthion
Paradust
Parawet
Penco Parathion
Phos Kil
Security Brand
Parathion
Sherwin-Willi
Parathion
Stauffer Parathion
Thiophos (te)

PCNB
Terraclor

***PERTHANE**
Perthane
Ortho Perthane

PHALTAN
Ortho Phaltan
Stauffer Phaltan

***PHOSDRIN**
Phosdrin
Orchard Brand
Security Brand
Stauffer Phos

***PHOSTEX**
Phostex

QUARTERNARY
Purasan AD
Stanofide

QUINONES
Kelo 100
Phyton-XL
Spergon
Stauffer Phy

***SEVIN**
Crag Sevin
Niagara Sevin
Security Brand

***TEDION**
Tedion
Stauffer Tedi
Tedion Spray

TEPP
Corona TEPP
Niagara TEPP
Orchard Brand
Stauffer TEPP
Vaportone

*Company's br

JULY, 1959

BRAND NAMES

(Continued from page 49)

PESTICIDE AND BRAND NAMES COMPANY

NABAM
Dithane D-14 Rohm & Haas
Niagara Nabam Solution..... Niagara
Ortho Nabam Calif. Spray-Chemical
Parzate DuPont
Stauffer Nabam 22..... Stauffer

***NACIDE**
Niacide Niagara

ORGANO-MERCURY
Coromere Pittsburgh Plate Glass
Merbom 10 Chipman Chemical
Orchard Brand General Chemical
Mercury Spray General Chemical
Orchard Brand Puritized
Agricultural Spray..... General Chemical
Orchard Brand Quinex..... General Chemical
Panoren Panogen Products
Phis Chemley Products
Puritized Agricultural
Spray Niagara
Puritized Apple Spray..... Niagara
Stauffer Mer-Cad Stauffer
Stauffer Mer-Sol Stauffer
Tag Calif. Spray-Chemical

OVEX
Corotran Pittsburgh Plate Glass
Mitrin United Heckathorn
Niagara Niagara
Orchard Brand Ovex General Chemical
Orbitran Calif. Spray-Chemical
Ovotran Dow
Stauffer Ovex Stauffer

PARATHION
Aqua Plos Kil 6..... Niagara
Chemagro Parathion..... Chemagro
Chipman Parathion..... Chipman Chemical
Corothion Pittsburgh Plate Glass
Niran Monsanto
Orchard Brand
Parathion General Chemical
Ortho Parathion Calif. Spray-Chemical
Orthophos Calif. Spray-Chemical
Panthon Woolfolk
Paradust Stauffer
Parawet United Heckathorn
Penco Parathion Pennsalt Chemicals
Phos Kil Niagara
Security Brand
Parathion Woolfolk
Sherwin-Williams
Parathion Sherwin-Williams
Stauffer Parathion Stauffer
Thiophos (technical)..... American Cyanamid

PCNB
Terraclor Olin-Mathieson

***PERTHANE**
Perthane Rohm & Haas
Ortho Perthane..... Calif. Spray-Chemical

PHALTAN
Ortho Phaltan..... American Cyanamid
Stauffer Phaltan..... Stauffer

***PHOSDRIN**
Phosdrin Shell Chemical
Orchard Brand Phosdrin..... General
Security Brand Phosdrin..... Woolfolk
Stauffer Phosdrin..... Stauffer

***PHOSTEX**
Phostex Niagara

QUATERNARY AMMONIUM COMPOUNDS
Purasan AD 50..... Gallowhur
Stanofide Standard Oil (Ind.)

QUINONES
Kolo 100..... Niagara
Phygon-XL U.S. Rubber
Spergon U.S. Rubber
Stauffer Phygon..... Stauffer

***SEVIN**
Crag Sevin..... Union Carbide Chem.
Niagara Sevin..... Niagara
Security Brand Sevin..... Woolfolk

***TEDION**
Tedion Niagara
Stauffer Tedion..... Stauffer
Tedion Spray..... General Chemical

TEPP
Corona TEPP..... Pittsburgh Plate Glass
Niagara TEPP..... Niagara
Orchard Brand TEPP..... General Chemical
Stauffer TEPP..... Stauffer
Vapotone Calif. Spray-Chemical

*Company's brand name.

PESTICIDE AND BRAND NAMES

COMPANY

***THIODAN**
Thiodan Niagara

THIRAM
Thylate DuPont
Penco Thiram..... Pennsalt Chemicals

TOXAPHENE
Alltox Calif. Spray-Chemical
Chipman Toxaphene..... Chipman Chemical
Geniphene General Chemical
Gy-Phene Geigy
Orchard Brand
Toxaphene General Chemical
Ortho Toxaphene..... Calif. Spray-Chemical
Penco Toxaphene..... Pennsalt Chemicals
Security Brand
Toxaphene Woolfolk
Stauffer Toxaphene..... Stauffer
Toxakil Niagara

***TRITHION**
Stauffer Trithion..... Stauffer

UREA
NuGreen DuPont

ZINEB
Dithane Z-78..... Rohm & Haas
Ortho Zineb..... Calif. Spray-Chemical
Parzate DuPont
Stauffer Zineb..... Stauffer
Zineb Niagara

ZIRAM
Corozate Pittsburgh Plate Glass
Karbam White..... Sherwin-Williams
Orchard Brand Ziram..... General Chemical
Ortho Ziram..... Calif. Spray-Chemical
Security Brand Zerlate..... Woolfolk
Stauffer Ziram..... Stauffer
Z-C Spray..... Niagara
Zerlate DuPont

SOIL FUMIGANTS

SOIL FUMIGANT AND BRAND NAMES

COMPANY

ALLYL ALCOHOL
Allyl Alcohol..... Dow
Allyl Alcohol..... Shell Chemical
Bedrench Niagara
Weed Drench..... Panogen

CHLORINATED HYDROCARBONS
Telone Dow

CHLOROPICRIN
Larvacide Panogen
Picfume Dow

DD
D-D Soil Fumigant..... Shell Chemical
Security Brand DD..... Woolfolk
Stauffer DD..... Stauffer

DIBROMO CHLOROPROPANE
Fumazone Dow
Nemagon Shell Chemical
Ortho Nemagon..... Calif. Spray-Chemical
B. G. Pratt Nemagon..... B. G. Pratt
Security Brand Nemagon..... Woolfolk
Stauffer Nemagon..... Stauffer

EDB
Bromofume American Potash
Dowfume Dow
Soilfume Niagara

ETHYLENE DIBROMIDE and MIXED DICHLOROPROPANES
Dorlone Dow

METHYL BROMIDE
Bed Fume..... Niagara
Bromex Panogen
MC-2 Dow

***MYLONE**
Mylone Union Carbide Chem.

OXYQUINOLINE SULFATE
Sunox Midvale

***VAPAM**
DuPont VPM..... DuPont
Stauffer Vapam..... Stauffer

***VC-13**
VC-13 Virginia-Carolina

HERBICIDES

HERBICIDE AND BRAND NAMES

COMPANY

AMINO TRIAZOLE
Amino Triazole..... American Cyanamid
Weedazol Amchem Products

AMMONIUM SULFAMATE
Ammate X..... DuPont

CDAA
Randex Monsanto

CDEC
Vegelex Monsanto

CET
Simazine Geigy

CIPC
Chloro IPC..... Columbia-Southern

DALAPON
Dowpon Dow

DIURON
Karmex DW..... DuPont

DNRB
Dow Premerge..... Dow
Sincox PE..... Stand. Agr. Chem.

ENDOTHAL
Penco Endothal..... Pennsalt

E.P.T.C.
Eptam Stauffer

ERBON
Novon Dow

4-(2,4-DB)
Butoxone Chipman Chemical

FENURON
Dybar DuPont

HCA
General Chemical HCA..... General Chemical

MALEIC HYDRAZIDE
MH-30 General Chemical
MH-30 Naugatuck Chemical
MH-30 Niagara
Penco MH-30..... Pennsalt Chemicals
Stauffer MH-30..... Stauffer

MONURON (CMU)
Telvar DuPont

NEBURON
Kloben DuPont

NFA
Alanap 3..... General Chemical
Alanap 3..... Naugatuck Chemical
Alanap 3..... Niagara

SES
Sesone Union Carbide Chem.

SILVEX
Kuron Dow

SODIUM ARSENITE
Atlas "A"..... Chipman Chemical
General Chemical
Sodium Arsenite..... General Chemical
Niagara Sodium
Arsenite Niagara
Penite Pennsalt
Pratt's Sodium Arsenite..... B. G. Pratt

SODIUM CHLORATE
Atlacide Chipman Chemical
Pennco Sodium Chlorate..... Pennsalt Chemicals

SODIUM CHLORATE
SODIUM METABORATE and MONURON
Chlorea Chipman Chemical

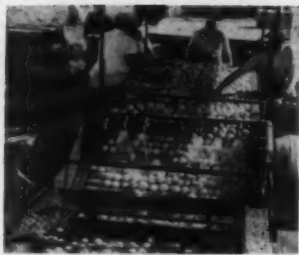
TCA and MONURON
Vrox General Chemical

TRICHLORO BENZOIC ACID
Trysben 200..... DuPont

2,4-D and 2,4,5-T
See Directory listing for names of companies

PCP
See Directory listing for names of companies

TCA
See Directory listing for names of companies



HARVESTING EQUIPMENT



BAG HOLDERS

Boggs Mfg. Corp., Atlanta, N.Y., and Detroit Lakes, Minn.
Eller Equipment Co., 1107 South Second St., Minneapolis, Minn.
Florida Div., Food Machinery & Chemical Corp., Lakeland, Fla.
Lockwood Graders, Inc., Gering, Nebr.
Noffsinger Mfg. Co., Greeley, Colo.
J. A. Reese Co., 105 Lincoln St., Johnstown, Pa.

BAG LOADERS

Johnson Farm Machinery Co., Walnut Creek, Calif.
King-Wyse, Div. of Boggs Mfg. Corp., Archbold, Ohio

BAGGING MACHINES

Aeroglide Corporation, 510 Glenwood Avenue, Raleigh, N.C.
John Bean Div., Food Machinery & Chemical Corp., Lansing, Mich.
Ernst Bros. Inc., Bakersfield, Calif.
Hampshire Implement Co., Hatfield, Mass.
King-Wyse, Div. of Boggs Mfg. Corp., Archbold, Ohio
Lockwood Graders, Inc., Gering, Nebr.
Michigan Orchard Supply Co., South Haven, Mich.
Troyer Mfg. Co., Smithville, Ohio

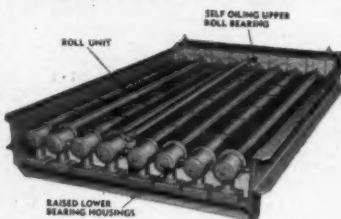
BASKETS, STEEL

Franklin Equipment Co., Monticello, Iowa
WinPower Mfg. Co., Newton, Iowa

BEAN PICKER

Chisholm-Ryder Co., Inc., Niagara Falls, N. Y.

TOP-ALL VEGETABLE-TOPPER



Quality topping that will satisfy your buyer, high capacity topper for radishes, onions, carrots, red beets, and turnips, in stationary and tractor models, also roll units for combines. Processes 15 bushels to 8 tons an hour.

WRITE FOR INFORMATION AND PRICES

DOLPHIN MACHINE WORKS
540 EASTERN AVE. • SOUTH BLOOMINGTON, ILLINOIS

NEW! CUTS COSTS! BOOSTS PROFITS!



Can Be
DRAWN
by any
2-Plow Tractor
with
Power Take-off
and
Hydraulic System

Gentle As a Kitten . . .

The Redwing Celery Harvester . . .

Carefully conveys the freshly cut celery, between kitten-soft sponge rubber pads, to field crates on truck or trailer.

- Makes Large Crews Unnecessary!
- Harvests Day and Night — Rain or Shine!
- Eliminates Stooping, Wilting!
- Allows You To Crate Your Celery At The "Peak Of Its Freshness!"

- Pays For Itself In One Season!

\$4479.⁹⁵

F. O. B. Albuquerque *

Wire or Write TODAY For Complete Information

REDWING CELERY HARVESTER CO.

622 COORS RD., S.W.

ALBUQUERQUE, NEW MEXICO

*Price subject to change without notice.

CELERY HARVESTER

Conveyor Co., 3260 E. Slauson Ave., Los Angeles 58, Calif.
Red Wing Celery Harvester Co., 622 Coors Rd., S.W., Albuquerque, N. Mex.

CRATES

BULK
F. D. Croce & Co., Inc., 386 Washington St., New York 13, N. Y.
General Box Co., 1825 Miner St., Des Plaines, Ill.
Lockwood Graders, Inc., Gering, Nebr.
Main Brothers Box and Lumber Co., Karnak, Ill.
Morgan Lumber Sales Co., 665 E. Broad St., Columbus 15, Ohio
National Wooden Box Association, 402 Barr Bldg., Washington, D. C.
Portable Elevator Mfg. Co., 920 E. Grove St., Bloomington, Ill.
Smalley Package Co., Berryville, Va.
Squires Mfg. Co., Milan, Mich.
Wooden Box Institute, 55 New Montgomery St., San Francisco, Calif.

FIELD

Berryville Basket Co., Inc., Berryville, Va.
F. D. Croce & Co., Inc., 386 Washington St., New York 13, N. Y.
General Box Co., 1825 Miner St., Des Plaines, Ill.
The Kenova Box Co., Kenova, W. Va.
Marinette & Menominee Box Co., Marinette, Wis.
Mell Lumber Co., 4036 Spruce St., Philadelphia, Pa.
Miller Mfg. Company, 7th & Stockton Sts., Richmond, Va.
National Wooden Box Association, 402 Barr Bldg., Washington, D. C.
New England Box Co., 258 Butler St., Brooklyn, N. Y.
Producer's Exchange, Inc., 20 So. Huron St., Toledo 4, Ohio
Sned Box Co., 1878 Scranton Rd., Cleveland 13, Ohio
Squires Mfg. Co., Milan, Mich.
Townsend Citrus Supply Co., Lake Wales, Fla.
Webster Basket Co., Webster, N. Y.

CROSS CONVEYOR

Belt Corporation, Orient, Ohio
Coe Harvester Co., Metamora, Ohio
H. D. Hume Co., Mendota, Ill.
Likens Mfg. Co., 1981 Belgrade Ave., Huntington Park, Calif.

PROFITABLE ROADSIDE MARKETING

By Donaldson and Johnston

A practical handbook for the successful operation of a roadside market, based on many years of study of "on-the-farm" marketing in all parts of the country.

142 pages . . . \$2.00

Sent postpaid on receipt of check or money order.

AMERICAN VEGETABLE GROWER
Willoughby, Ohio

HAIL INSURANCE

Florists' & Gardeners' Ins. Assn., 309 Public Sq. Bldg., Cleveland 13, Ohio
Rain & Insurance Bureau, 209 W. Jackson Blvd., Chicago 6, Ill.

HARVESTERS—BEETS, CARROTS, RADISHES

R. G. Bruner Mfg. Co., 22516 Hoover Rd., Van Dyke, Mich.
Chickering Vegetable Equip. Co., Belding, Mich.
Scott Viner Co., 1224 Kinnear Rd., Columbus 8, Ohio
Tawco Products, Inc., 1224 Chesapeake Ave., Columbus 12, Ohio
Vegetable Harvesting & Machinery Co., 288 S.E. St., San Bernardino, Calif.

ONION TOPPERS AND HARVESTERS

R. G. Bruner Mfg. Co., 22516 Hoover Rd., Van Dyke, Mich.
Dolphin Machine Works, S. Beloit, Ill.
Lauridsen Mfg. Co., 514 11th Ave., Greeley, Colo.
Lockwood Graders, Gering, Nebr.
Scott Viner Co., 1224 Kinnear Rd., Columbus 8, Ohio

PEA HARVESTERS & LIFTERS

Harbison-Paine, Inc., Loveland, Colo.
H. D. Hume Co., Mendota, Ill.
Porter-Way Pea Harvester, Waterloo, N. Y.
Scott Viner Co., 1224 Kinnear Rd., Columbus 8, Ohio

AMERICAN VEGETABLE GROWER

POTATO

Aeroglide Corp., Boggs Mfg. Co., Minn.
Florida Div., Food Machinery & Chemical Corp., Lakeland, Fla.
King-Wyse Co., Lakeland, Ohio
Lobee Pump & Lockwood Graders, Inc., Gering, Nebr.
Troyer Mfg. Co., Fairport, N. Y.
Trescott Co., Fairport, N. Y.
Troyer Mfg. Co., Fairport, N. Y.
WASA Potato

POTATO DIG

John Bean Div., Food Machinery & Chemical Corp., Lansing, Mich.
Champion Corp., Ind.
John Deere, Moline, Ill.
International Harvester Co., Chicago 1, Ill.
Lockwood Graders, Inc., Gering, Nebr.
Massey-Ferguson, Minneapolis-Moline, Minn.
Oliver Corp., 4001 Frank Russell M

POTATO

Belville Mfg. Co., Boggs Mfg. Co., Minn.
Delano Engineering, King-Wyse, Div., Ohio
Lockwood Graders, Inc., Gering, Nebr.
Singer Mfg. Co., Troyer Mfg. Co., Fairport, N. Y.

W

AMERICAN

POTATO

Aeroglide Corp., N. C.
American Grain, John Bean Div., Lansing, Mich.
Boggs Mfg. Co., Lakeland, Ohio
Cockshutt Farm, Florida Div., Lakeland, Fla.
King-Wyse, Div., Ohio
Lobee Pump & Lockwood Graders, Inc., Gering, Nebr.
Troyer Mfg. Co., Fairport, N. Y.



RUB BA

for you
VEGET

Over 300

Sizes &

SEND

SALE

ALLIANCE

Alliance, Mr.

FIRM

ADDRESS

CITY

ALLIA

Alliance Ohio

JULY, 1959

POTATO BRUSHERS AND CLEANERS

Aeroglide Corporation, 510 Glenwood Ave., Raleigh, N.C.
 Boggs Mfg. Corp., Atlanta, N.Y., and Detroit Lakes, Minn.
 Florida Div., Food Machinery & Chemical Corp., Lakeland, Fla.
 King-Wyse Co., Div. of Boggs Mfg. Corp., Archbold, Ohio
 Lobee Pump & Machinery Co., Gasport, N. Y.
 Lockwood Graders, Inc., Gering, Nebr.
 Tew Mfg. Corp. (Friend, Trescott & Market Maker), Fairport, N. Y.
 Trescott Co., Fairport, N. Y.
 Troyer Mfg. Co., Smithville, Ohio
 WASA Potato Harvester Co., Mars Hill, Me.

POTATO DIGGERS (ELEVATOR & PLOW)

John Bean Div., Food Mch. & Chemical Corp., Lansing, Mich.
 Champion Corp., 4714 Sheffield Ave., Hammond, Ind.
 John Deere, Moline, Ill.
 International Harvester Co., 180 N. Michigan, Chicago 1, Ill.
 Lockwood Graders, Gering, Nebr.
 Massey-Ferguson Inc., Racine, Wis.
 Minneapolis-Moline Co., Box 1050, Minneapolis 1, Minn.
 Oliver Corp., 400 Madison, Chicago 6, Ill.
 Frank Russell Mfg. Co., Shafter, Calif.

POTATO ELEVATORS, CONVEYORS & WAGON DUMPS

Belville Mfg. Co., Shelley, Idaho
 Boggs Mfg. Corp., Atlanta, N.Y.; Detroit Lakes, Minn.
 Delano Engineering Co., Delano, Calif.
 King-Wyse, Div. of Boggs Mfg. Corp., Archbold, Ohio
 Lockwood Graders, Inc., Gering, Nebr.
 Singer Mfg. Co., Smithville, Ohio
 Troyer Mfg. Co., Smithville, Ohio

When writing advertisers
 please mention
AMERICAN VEGETABLE GROWER

POTATO GRADERS AND SORTERS

Aeroglide Corporation, 510 Glenwood Ave., Raleigh, N.C.
 American Grain Separator Co., Minneapolis, Minn.
 John Bean Div., Food Mch. & Chemical Corp., Lansing, Mich.
 Boggs Mfg. Corp., Atlanta, N. Y., and Detroit Lakes, Minn.
 Cockshutt Farm Equip., Ltd., Brantford, Ont., Canada
 Florida Div., Food Machinery & Chemical Corp., Lakeland, Fla.
 King-Wyse, Div. of Boggs Mfg. Corp., Archbold, Ohio
 Lobee Pump & Machinery Co., Gasport, N. Y.
 Lockwood Graders, Inc., Gering, Nebr.
 Tew Mfg. Corp. (Friend, Trescott & Market Maker), Fairport, N. Y.
 Troyer Mfg. Co., Smithville, Ohio



RUBBER BANDS

for your fresh
VEGETABLES

Over 300 Varieties
 Sizes & Colors

SEND FOR FREE
 SAMPLES



ALLIANCE RUBBER CO.
 Alliance, Ohio

AVG-7

NAME _____
 FIRM _____
 ADDRESS _____
 CITY _____ STATE _____

ALLIANCE RUBBER CO.

Alliance Ohio Franklin Ky. Hot Springs Ark.



"LOCKWOOD"

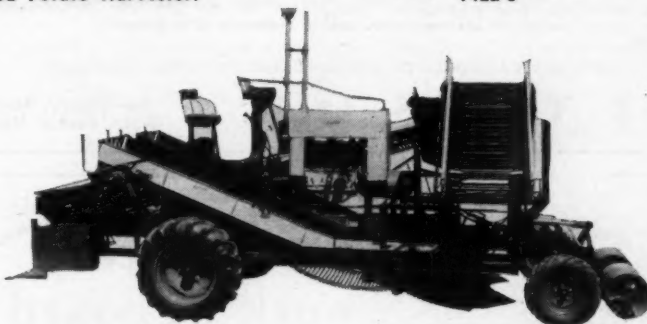
★ A SYMBOL OF SERVICE!!

★ A SIGN OF QUALITY!!

Harvest Your Potatoes The Modern Mechanical Way With A
"Lockwood" Two Row Self-Propelled Harvester.

America's Leading Self-Propelled Potato Harvester.

Model No. 2-SP-2R
 1422-3



Manufacturing A Complete Line of Potato Machinery

LOCKWOOD GRADERS

GERING, NEBR.

12 Plants Throughout America and Europe

POTATO PICKERS AND HARVESTERS

John Bean Div., Food Mch. & Chemical Corp., Lansing, Mich.
 Belville Mfg. Co., Shelley, Idaho
 R. G. Bruner Mfg. Co., 22516 Hoover Rd., Van Dyke, Mich.
 Dahlman Mfg. Co., Grandy, Minn.
 Lockwood Graders, Inc., Gering, Nebr.
 Noffsinger Mfg. Co., Greeley, Colo.
 Arno Schmechel & Son, Inc., Thiensville, Wis.
 WASA Potato Harvester Co., Mars Hill, Me.

RADISH TOPPERS

Dolphin Machine Works, S. Beloit, Ill.
 Tawco Products, Inc., 1224 Chesapeake Ave., Columbus 12, Ohio

RUBBER BANDS

Alliance Rubber Co., Alliance, O.; Franklin, Ky.;
 Hot Springs, Ark.
 Dykema Rubber Band Co., 428 N. Craig St., Pittsburgh 13, Pa.
 J. E. Fricke Co., 40 N. Front St., Philadelphia 6, Pa.
 Producers Exchange Inc., 20-34 So. Huron St., Toledo 4, Ohio

SWEETPOTATO DIGGERS

Darf Corp., Raleigh, N. C.
 G. & M. Equipment Co., Winton, Calif.

VEGETABLE GRADERS AND SORTERS

Aeroglide Corp., 510 Glenwood Ave., Raleigh, N.C.
 Boggs Mfg. Corp., 15 Main St., Atlanta, N. Y.
 Cardinal & Ellis, Belding, Mich.
 Ernst Bros., Inc., Bakersfield, Calif.
 Lobee Pump & Machinery Co., Gasport, N. Y.
 Tew Mfg. Corp. (Friend, Trescott & Market Maker), Fairport, N. Y.
 Trescott Co., Fairport, N. Y.

VEGETABLE TOPPING MACHINES

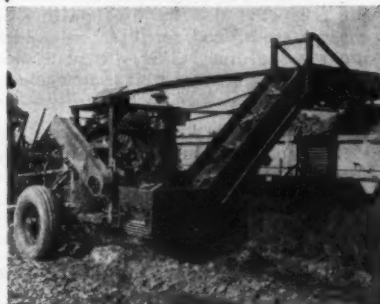
Badger Topper Machine Co., 5052 N. 125th St., Butler, Wis.
 Brady Mfg. Corp., P.O. Box 1456, Des Moines, Iowa
 R. G. Bruner Mfg. Co., 22516 Hoover, Van Dyke, Mich.
 Canton Containers, Inc., Canton 7, Ohio
 Dolphin Machine Works, S. Beloit, Ill.
 Lockwood Graders, Gering, Nebr.
 R & Z Mfg. Co., 1009 6th St., Oshkosh, Wis.
 Scott Viner Co., 1224 Kinnear Rd., Columbus 8, Ohio

VEGETABLE TYING MACHINES

Felins Tying Machine Co., 3351 N. 35th St., Milwaukee 16, Wis.
 National Bundle Tyer Co., Blissfield, Mich.
 Trescott Co., Fairport, N. Y.

SCOTT-URSCHEL COMBINES for
CARROTS — RED BEETS
TURNIPS — PARSNIPS — RUTABAGAS

**DIGS-
 TOPS-
 and LOADS**
 IN ONE OPERATION



Available in three models: Model 004-R for Red Beets and Canning Carrots; Model 004-RX with side delivery elevator and Model 004-RXF with sorting table for Cello Pack Carrots, Turnips, Parsnips and Rutabagas.

WRITE TODAY!

THE SCOTT VINER COMPANY
 1224 Kinnear Road Columbus 8, Ohio



FORK LIFT SPECIALISTS

We Will Build to Your Order

Hold down attachment as shown can be adjusted to all load heights, insuring a firm but gentle holding, of all commodities when transporting.

WRITE FOR CATALOGUE ON OUR FARM AND INDUSTRIAL EQUIPMENT

LIFT TOOLS INC.

Built to Your Specifications—Any Make and Model Tractor

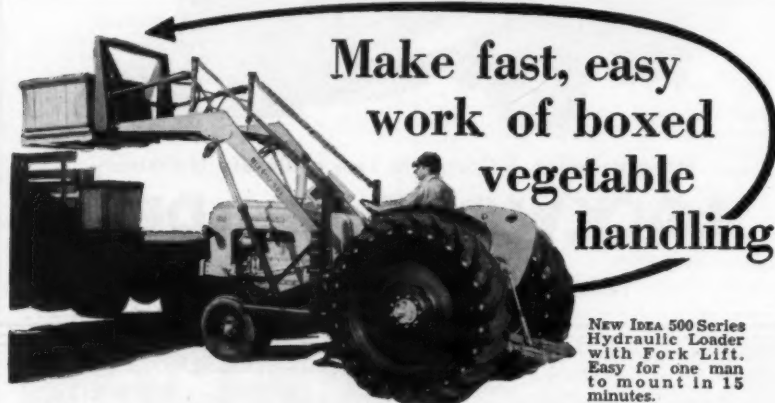
80"-108"-144"
Front and Rear
One Subframe
Fits All Tractors
Quick On and Off
Drop in Minutes

Up to 7000 lb.
Lifting Capacity
Simplicity of
Design
Service Free
Operation

Self-Dumping Attachments

Rugged extra heavy construction guarantees dependable operation in orchards, groves, truck farming, field crops or wherever field to truck to storage is required.

Eau Claire, Michigan
(Near Benton Harbor)



Make fast, easy work of boxed vegetable handling

New IDEA 500 Series Hydraulic Loader with Fork Lift. Easy for one man to mount in 15 minutes.

NEW IDEA Hydraulic Loader with Fork Lift

harnesses tractor power to save you time and save your back

NEW IDEA hydraulic loader with fork lift conveniently loads pallets of vegetables or fruits... also handles pallets of bagged seeds, feed, fertilizer, baled hay. Snow scoop, tine bucket, dirt plate, dirt bucket and angle dozer blade attachments further increase loader's versatility.

Your NEW IDEA dealer will give you details and quote you the exact low price for the NEW IDEA 500 Series Loader that's tailored to your needs and to your tractor.

See your NEW IDEA dealer, or...

Self leveling Fork Lift gets a good grip on each load

Teeth are...

- free floating to follow loading surface contour
- laterally adjustable to fit various types of pallets
- pre-drilled for easy, safe bolting of work platform
- super strong... each can withstand full lifting capacity of loader
- always level at all heights on all loader models... some loader models optionally equipped with hydraulic pitch control

-----Send today for free literature-----

NEW IDEA FARM EQUIPMENT CO.

DIVISION **Arco** DISTRIBUTING CORP.
Dept. 171, Coldwater, Ohio

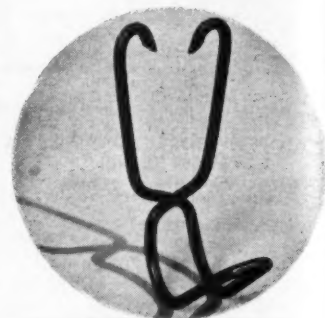
Please send free literature on the NEW IDEA 500 Series Hydraulic Loaders with Fork Lift for pallet handling.



Name _____
Address _____
Town _____ State _____

PROP YOUR TREES THE EASY WAY

The new easier AMERICAN FRUIT GROWER Tree Prop used by many growers does the job quickly, efficiently and at very LOW COST!



PROPS ALL SIZES OF BRANCHES

- Horizontally
- Vertically



Sold only by AMERICAN FRUIT GROWER Magazine to our readers.

20c apiece
12 for \$1.90
30 for \$3.50
100 for \$12.00
500 for \$50.00

American Fruit Grower Publishing Co.
Willoughby, Ohio

Please send me (No.) _____ Tree Props

Attached is \$ _____

Name _____

Address _____

City & State _____

(Offer good only in U.S.A.)

AMERICAN VEGETABLE GROWER



BAG C

Aeroglide Corp.,
American Specialty
Cleveland, Ohio
Hamer Machine Co.
Lockwood Grader
Producer's Exchange
4, Ohio
Trescott Co., Fair

PLASTIC

Kwik-Lok Corp., B

TAPE

Cincinnati Cordage
Producer's Exchange
4, Ohio

WIRE TIE

American Wire Tie
Cleveland, Ohio
Cleveland, Ohio
German's, 6400
22, Calif.
Lockwood Grader
Producer's Exchange
4, Ohio

BAG

Aeroglide Corp.,
Ernst Bros., Inc.,
Exact Weight Scale
15, Ohio

Florida Div., For

Lakeland, Fla.

Hampshire Imple

Index Coupon

La Porte, Ind.

King Wyse Div.

Ohio

Lockwood Grader

Michigan Orchard

Tew Mfg. Corp., Fair

Trescott Co., Fair

Troyer Mfg. Co.,

Wayland Machin

M

Located on
Then you
motorist w
of vegetabl
an easy-to
available f
VEGETABLE
Ohio.

GREEN

Constructio

versity pl

names of s

and adhes

prints of

greenhouse

AMERICAN

Willoughby

REES
AY

CAN
Prop
does
ently
OSTI

S

illy

RUIT
read-

Props

ROWER



PACKING HOUSE EQUIPMENT



BAG CLOSING MACHINES

Aeroglide Corp., 510 Glenwood Ave., Raleigh, N.C.
American Specialty Co., Amherst, Ohio
Cleveland Lathe Machine Co., 5400 Brookpark Rd.,
Cleveland, Ohio
Hamer Machine Co., St. Louis Park, Minn.
Lockwood Graders, Gering, Nebr.
Producer's Exchange, Inc., 20 So. Huron St., Toledo
4, Ohio
Trescott Co., Fairport, N. Y.

BAG CLOSURES

PLASTIC
Kwik-Lok Corp., Box 2098, Yakima, Wash.

TAPE
Cincinnati Cordage & Paper Co., Lima, Ohio
Producer's Exchange, Inc., 20 So. Huron St., Toledo
4, Ohio

WIRE TIE
American Wire Tie Co., Gowanda, N. Y.
Cleveland Lathe Machine Co., 5400 Brookpark Rd.,
Cleveland, Ohio
Germain's, 6400 E. Washington Blvd., Los Angeles
22, Calif.
Lockwood Graders, Gering, Nebr.
Producer's Exchange, Inc., 20 So. Huron St., Toledo
4, Ohio

BAGGING MACHINES

Aeroglide Corp., 510 Glenwood Ave., Raleigh, N.C.
Ernst Bros., Inc., Bakersfield, Calif.
Exact Weight Scale Co., 543 E. Town St., Columbus
15, Ohio
Florida Div., Food Machinery & Chemical Corp.,
Lakeland, Fla.
Hampshire Implement Co., Hatfield, Mass.
Index Coupon & Supply Co., 612 Indiana Ave.,
La Porte, Ind.
King Wyse Div. of Boggs Mfg. Corp., Archbold,
Ohio
Lockwood Grader Corp., Gering, Nebr.
Michigan Orchard Supply Co., South Haven, Mich.
Tew Mfg. Corp. (Market Maker), Fairport, N. Y.
Trescott Co., Fairport, N. Y.
Troyer Mfg. Co., Smithville, Ohio
Wayland Machinery Co., Coveseville, Va.

ROADSIDE MARKET PLANS

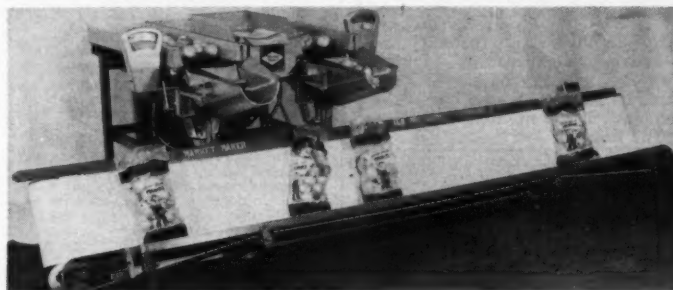
Located on a well-traveled highway?
Then you may want to attract the
motorist with a good-looking display
of vegetables. Working drawings for
an easy-to-build roadside stand are
available for \$2.00 from AMERICAN
VEGETABLE GROWER, Willoughby,
Ohio.

PLASTIC GREENHOUSE PLANS

Construction details for Cornell Uni-
versity plastic panel greenhouse,
names of suppliers of materials, films,
and adhesives for plastics, and re-
prints of current articles on plastic
greenhouses are available from
AMERICAN VEGETABLE GROWER,
Willoughby, Ohio, for 50 cents a set.

GROWER PROVEN DOUBLE BAGGER

Equipped with Open Bag Conveyor MARKET-MAKER equipment means profit for you.
The most efficient bagger for fruit and vegetable growers.



- Finest quality—always accurate Ball Bearing scale—aluminum body and dial—no springs—no lead shot—no loose weights or weight pendulum.
- Electric clutches are standard equipment—no solenoids. Adjustable speed V-Belts for produce and fruit carriers.
- Complete line of fruit and produce grading, bagging and conveyor equipment.

Manufactured only by
TEW MANUFACTURING CORPORATION • Fairport, N.Y.

Write for details

Troyers "ADVANCED" Line

- A TROYER Designed Compact Efficient Potato Washer and Damp Drier.
- Non-Rubber Synthetic Absorbent Drier Roll Material—A Troyer Exclusive.
- All Major Bearings are Self-Aligning Ball Bearings.
- Washer Section Fully Enclosed with Drain Pan—Little or No Water Spills on the Floor.
- Three Sizes to Choose from—24", 36" and 48" widths.
- Two Smaller Units have Adjustable Legs to 'Fit' into Your Line of Equipment.
- Three (3) Different Types of Nozzles Used—each selected for Definite Purpose—Soaking, Washing and Rinsing.
- Drier Rolls are Adjustable on Support to Compensate for Wear.
- Scrubber and Drier Rolls are Easily Recovered.



48" Potato Washer

DB-8 Packaging Unit



For Fast Efficient Packaging
of Potatoes and Onions
Add One of
Troyer's "Advanced"
Packaging Units
to Your Operation.

For More Information
See Your Advanced Dealer
or write to

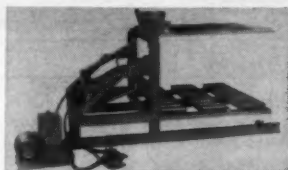
TROYER MANUFACTURING COMPANY Smithville, Ohio

PACKING HOUSE EQUIPMENT

BOX DUMPERS

John Bean Div., Food Machinery & Chemical Corp.,
Lansing, Mich.
Chisholm-Ryder Co., Inc., Niagara Falls, N. Y.

BULK BOX DUMPER



Gently handles any produce in bulk boxes. Models for pickles, potatoes, all types produce. Instant adjustment of tines on hydraulic models, for different height boxes. Write for details.

Ask about our other specialties for vegetable growers.

- U T Lift Fork Truck (2000# capacity. For storage and graded roads.)
- TransForks for tractor mounting
- 4 Ton Fork Lift for trucks
- Auto-Rain Irrigation
- Hydro Cooler

MICHIGAN ORCHARD SUPPLY COMPANY

Box 231

South Haven, Michigan

Florida Div., Food Machinery & Chemical Corp.,
Lakeland, Fla.
Friday Tractor Co., Hartford, Mich.
Hilltop Orchards and Nurseries, Hartford, Mich.
Michigan Orchard Supply Co., South Haven, Mich.
Trescott Co., Fairport, N. Y.
Van Doren Equipment, 923 N. Wenatchee Ave.,
Wenatchee, Wash.

CONVEYORS

Aeroglide Corp., 510 Glenwood Ave., Raleigh, N.C.
American Conveyor Co., 115 W. Adams, Chicago, Ill.
John Bacon Corp., Gasport, N. Y.
Belt Corporation, Orient, Ohio
Boggs Mfg. Corp., Atlanta, N. Y., & Detroit Lakes, Minn.
E. W. Buschman Co., 4427 Clifton Avenue, Cincinnati, Ohio
Durand Co., Woodbury, Ga.
Florida Div., Food Machinery & Chemical Corp.,
Lakeland, Fla.
General Metals, Inc., 858 Goldsboro St., Greensboro, N. C.
Lockwood Grader Corp., Gering, Nebr.
Lamson Corp., Lamson St., Syracuse 1, N. Y.
Link-Belt Co., Prudential Plaza, Chicago 1, Ill.
Mathews Conveyor Co., Ellwood City, Pa.
Metzgar Conveyor Co., 412 Douglas N.W., Grand Rapids 4, Mich.
Michigan Orchard Supply Co., South Haven, Mich.
Oliver Corporation, 400 W. Madison St., Chicago 6, Ill.
F. P. Pease Co., 1344 Henrietta, Rochester, N. Y.
Portable Elevator Mfg. Co., 920 E. Grove St.,
Bloomington, Ill.
Power-Curve Conveyor Co., Denver 19, Colo.
Producer's Exchange, Inc., 20-32 So. Huron St.,
Toledo 4, Ohio
Rapids-Standard Co., Inc., Rapistan Bldg., Grand Rapids 2, Mich.
Red Cross Mfg. Co., Bluffton, Ind.
The Scott Viner Co., 1224 Kinnear Rd., Columbus 8, Ohio
Standard Conveyor Co., 16 Indiana Ave. N., St. Paul, Minn.
Tew Mfg. Corp. (Friend & Trescott), Fairport, N. Y.
Trescott Co., Fairport, N. Y.
Tri-Pak Machinery Service, Inc., Harlingen, Texas
WASA Potato Harvester Co., Mars Hill, Me.



LIGHT and EASY TO CARRY
Put it where you need it!

STANDARD LITEWATE sectional roller conveyors are ideal for "spot" loading and unloading jobs — can be quickly, easily moved wherever desired. They handle all types of commodities up to 80 lbs. and operate at grades as little as 1/4 in. to 3/4 in. per ft. Available in 10-ft. and 5-ft. straight sections and 90° and 45° curves; with interchangeable spacing of rollers on 1 1/2 in. through 12 in. centers. Write Dept. S-7, for Bulletin 63-B.

STANDARD CONVEYOR COMPANY

General Offices: North St. Paul 9, Minn.

Sales and Service in Principal Cities



ASSEMBLE YOUR OWN CONVEYOR SYSTEM WITH METZGAR UNITS

As your requirements grow, simply add Metzgar Standard Units to keep pace with your growing needs.

From a small beginning, you can increase your conveyor system without discarding any of the equipment you already have.

• GRAVITY EQUIPMENT

STRAIGHT SECTIONS,
CURVES, SPURS,
SWITCHES, STANDS,
BASES, etc.

• POWER EQUIPMENT

HORIZONTAL BELT,
FLOOR-TO-FLOOR,
LINE BOOSTER,
LIVE ROLLER,
SWITCHES,
BASES, etc.



Small operator does big job with minimum equipment.

METZGAR CONVEYORS

Save Time - Add Profit

Ask for our illustrated folder FV-155 or request our representative to call. He is familiar with the best practices in your industry.



90° CURVE and straight section on TRIPOD STANDS

Planned system in large storage and packing house — practically automatic.

METZGAR CONVEYOR COMPANY.

401 Douglas St., N. W., GRAND RAPIDS 4, MICH.

COUNTING DEVICES

Veeder-Root Co., 70 Sargeant, Hartford 2, Conn.

CUSHIONS

Markel Products Co., 514 Jackson Ave., Bronx 55, N. Y.
Rice, Trew & Rice Co., Biglerville, Pa.

DRIERS

Aeroglide Corp., 510 Glenwood Ave., Raleigh, N.C.
Florida Div., Food Machinery & Chemical Corp.,
Lakeland, Fla.
Lockwood Grader Corp., Gering, Nebr.

GRADERS AND SIZERS

Aeroglide Corp., 510 Glenwood Ave., Raleigh, N.C.
John Bacon Co., Gasport, N. Y.
N. M. Bartlett Mfg. Co., Ltd., Beamsville, Ont., Canada
Cardinal & Ellis, Belding, Mich.
Durand Co., Woodbury, Ga.
Florida Div., Food Machinery & Chemical Corp.,
Lakeland, Fla.
Food Machinery & Chemical Corp., Packing Equipment Div., Riverside, Calif.
Lobee Pump & Mch. Co., Gasport, N. Y.
Lockwood Grader Corp., Gering, Nebr.
Michigan Orchard Supply Co., South Haven, Mich.
Sho-OH Orchards Prod. Co., 105 N. Washington St.,
Peoria, Ill.
Tew Mfg. Corp. (Friend & Trescott), Fairport, N. Y.
Tri-Pak Machinery Service, Inc., Harlingen, Texas
Tyson Orchard Service, Florida Dale, Pa.
Van Doren Equipment Co., 923 N. Wenatchee Ave.,
Wenatchee, Wash.
Wayland Machinery Co., Coveseville, Va.

Please consult Alphabetical Listings
Pages 15 and 16

HYDROCOOLERS

Aeroglide Corp., 510 Glenwood Ave., Raleigh, N.C.
Clarksville Machine Wks., 1706 W. Cherry St.,
Clarksville, Ark.
Durand Co., Woodbury, Ga.
Florida Div., Food Machinery & Chemical Corp.,
Lakeland, Fla.
Michigan Orchard Supply Co., South Haven, Mich.
Tri-Pak Machinery Service, Inc., Harlingen, Texas

ICE MACHINES

Frick Co., Waynesboro, Pa.

AMERICAN VEGETABLE GROWER

Index Coupon & Porte, Ind. Prun Tri-Pak Machinery

Alumsteel Corp., Bird & Son, E. W. Dow Chemical Co. Johns-Manville Co. Owens Corning Fib. Pacific Lumber Co. San Francisco, Ca. Pittsburgh Cornin Pittsburgh 22, P. United Cork Comp

Portable Elevator Bloomington, Ill. Stratton Equipme Ohio

Aeroglide Corp., Boggs Mfg. Corp. Minn. Durand Co., Wood Florida Div., Fo Lakeland, Fla. Food Machinery ment Div., Rive Ideal Grader & M Lobee Pump & M Lockwood Grader Tew Mfg. Corp. Tri-Pak Machinery Trescott Co., Fair Troyer Mfg. Co.

Please co

Detecto Scales, I Exact Weight Sc 15, Ohio Howe Scale Co., Lockwood Grader Tew Mfg. Corp. Toledo Scale Co. Trescott Co., Fair

STAPLE

Acme Staple Co. N. J. Bostitch, Inc., 430 F. D. Groce & Co. 13, N. Y. Florist Products, Fruit & Produce apolis, Ind. International Sta Lockwood Grader Markwell Mfg. Co. Producer's Erche 4, Ohio Republic Steel Ohio Sarnac Machine Trescott Co., Fair



POTATO G

BOG HAS 42, GRA MAC ALON SER HERE ABR

KE 4-3111 VI 7-5450

JULY, 1959

ICING EQUIPMENT

Index Coupon & Supply Co., 612 Indiana Ave., La
Porte, Ind.
Link-Belt Co., Prudential Plaza, Chicago 1, Ill.
Tri-Pak Machinery Service, Inc., Harlingen, Texas

INSULATION

Alumiseal Corp., 429 E. 53 St., N. Y. 22, N. Y.
Bird & Son, E. Walpole, Mass.
Dow Chemical Company, Midland, Mich.
Johns-Manville Corp., 22 E. 40th St., N. Y. 16, N. Y.
Owens Corning Fiberglass Corp., Toledo 1, Ohio
Pacific Lumber Co., By-Products Div., 200 Bush St.,
San Francisco, Calif.
Pittsburgh Corning Corp., One Gateway Center,
Pittsburgh 22, Pa.
United Cork Companies, W. Kearny, N. J.

LOADERS, TRUCK

Portable Elevator Mfg. Co., 920 E. Grove St.,
Bloomington, Ill.
Stratton Equipment Co., 2030 E. 105 St., Cleveland,
Ohio

PACKING TABLES

Aeroglide Corp., 510 Glenwood Ave., Raleigh, N.C.
Boggs Mfg. Corp., Atlanta, N. Y.; Detroit Lakes,
Minn.
Durand Co., Woodbury, Ga.
Florida Div., Food Machinery & Chemical Corp.,
Lakeland, Fla.
Food Machinery & Chemical Corp., Packing Equip-
ment Div., Riverside, Calif.
Ideal Grader & Nursery Co., Hood River, Oreg.
Lobee Pump & Machinery Co., Gasport, N. Y.
Lockwood Grader Corp., Gering, Nebr.
Tew Mfg. Corp. (Friend & Trescott), Fairport, N. Y.
Tri-Pak Machinery Service, Inc., Harlingen, Texas
Trescott Co., Fairport, N. Y.
Troyer Mfg. Co., Smithville, Ohio

Please consult Alphabetical Listings
Pages 15 and 16.

SCALES

Detecto Scales, Inc., 540 Park Ave., Brooklyn 5, N.Y.
Exact Weight Scale Co., 543 E. Town St., Columbus
15, Ohio
Howe Scale Co., Rutland, Vt.
Lockwood Graders, Gering, Nebr.
Tew Mfg. Corp. (Market Maker), Fairport, N. Y.
Toledo Scale Co., Telegraph Road, Toledo 1, Ohio
Trescott Co., Fairport, N. Y.

STAPLERS AND STITCHERS

Acme Staple Co., 1643 Haddon Ave., Camden 3,
N. J.
Bostitch, Inc., 430 Briggs Dr., E. Greenwich, R. I.
F. D. Croce & Co., Inc., 386 Washington St., N. Y.
13, N. Y.
Florist Products, 1843 Oakton, Des Plaines, Ill.
Fruit & Produce Pack. Co., 700 Morris St., Indian-
apolis, Ind.
International Staple & Machine Co., Herrin, Ill.
Lockwood Grader Corp., Gering, Nebr.
Markwell Mfg. Co., Inc., 200 Hudson St., N. Y., N. Y.
Producer's Exchange, Inc., 20 S. Huron St., Toledo
4, Ohio
Republic Steel Corp., Republic Bldg., Cleveland,
Ohio
Saranac Machine Co., Benton Harbor, Mich.
Trescott Co., Fairport, N. Y.

STAPLES

Acme Staple Co., 1643 Haddon Ave., Camden 3,
N. J.
American Steel & Wire Co., Rockefeller Bldg.,
Cleveland 13, Ohio
Bostitch, Inc., 430 Briggs Dr., E. Greenwich, R. I.
The Colorado Fuel & Iron Corp., P. O. Box 1920,
Denver, Colo.
Florist Products, 1843 Oakton, Des Plaines, Ill.
Fruit & Produce Packing Co., 700 W. Morris St.,
Indianapolis 6, Ind.
Lockwood Graders, Gering, Nebr.
Markwell Mfg. Co., 200 Hudson St., N. Y., N. Y.
Pittsburgh Steel Co., 1600 Grant Bldg., Pittsburgh
30, Pa.
Producer's Exchange, Inc., 20 S. Huron St., Toledo
4, Ohio
Republic Steel Corp., Republic Bldg., Cleveland,
Ohio
Saranac Machine Co., Benton Harbor, Mich.
Trescott Co., Fairport, N. Y.

TRUCKS, HAND

All Steel Welded Truck Co., Rockford, Ill.
John Chatillon & Sons, 85 Cliff St., N. Y. 7, N. Y.
Clark Equipment Co., Battle Creek, Mich.
Colson Co., Elyria, Ohio
Howe Scale Co., Rutland, Vt.
Lockwood Graders, Gering, Nebr.

TRUCKS, LIFT

Allied Mfg. & Sales Co., 3101 W. Grand Ave.,
Chicago, Ill.
Barrett-Cravens Co., 630 Dundee Rd., Northbrook,
Ill.
Big Joe Mfg. Co., Wisconsin Dells, Wis.
Blackwelder Mfg. Co., Rio Vista, Calif.
Clark Equipment Co., Battle Creek, Mich.
Colson Co., Elyria, Ohio
Elwell-Parker Electric Co., 4205 St. Clair Ave., Cleve-
land, Ohio
Hyster Co., 2902 N. E. Clackamas, Portland 8, Oreg.
Independent Distributors, 27 N. E. Broadway, Port-
land, Oreg.
Lamson Mobilift Corp., 835 S. E. Main St., Portland,
Oreg.
Lewis-Shepard Co., 194 Walnut St., Watertown, Mass.
Lift Trucks, Inc., 2425 Spring Grove Ave., Cincin-
nati 14, Ohio
Mercury Mfg. Co., 4044 S. Halsted, Chicago 9, Ill.
Michigan Orchard Supply Co., South Haven, Mich.
Raymond Corp., Greene, N. Y.
Towmotor Corp., 1226 E. 152nd, Cleveland 10, Ohio
Transistor Truck Co., 1477 N. W. 23rd, Portland 10,
Oreg.
Yale & Towne Mfg. Co., Roosevelt & Haldeman
Aves., Phila., Pa.

WASHERS

POTATO
Aeroglide Corporation, 510 Glenwood Ave., Raleigh,
N. C.
Boggs Mfg. Corp., Atlanta, N. Y.; Detroit Lakes,
Minn.
Florida Div., Food Machinery & Chemical Corp.,
Lakeland, Fla.
King-Wyse Div. of Boggs Mfg. Corp., Archbold,
Ohio
Lobee Pump & Machinery Co., Gasport, N. Y.
Lockwood Graders, Inc., Gering, Nebr.
Tew Mfg. Corp. (Trescott & Market Maker), Fair-
port, N. Y.
Trescott Co., Fairport, N. Y.
Troyer Mfg. Co., Smithville, Ohio

VEGETABLE AND ROOT

Aeroglide Corp., 510 Glenwood Ave., Raleigh, N.C.
Felins Tying Machine Co., 3351 N. 35th St., Mil-
waukee, Wis.
Florida Div., Food Machinery & Chemical Corp.,
Lakeland, Fla.
Lockwood Graders, Gering, Nebr.
S. S. Simons Machine Works, Cornwell Heights, Pa.
Tew Mfg. Corp. (Market Maker), Fairport, N.Y.

WAX

Clarion Development Co., Clarion, Pa.
Florida Div., Food Machinery & Chemical Corp.,
Lakeland, Fla.
S. C. Johnson & Son Inc., 1525 Howe, Racine, Wis.
Lobee Pump & Machinery Co., Gasport, N.Y.
Lockwood Grader Corp., Gering, Nebr.
Tew Mfg. Corp., Fairport, N.Y.
Trescott Co., Fairport, N.Y.
Wilbur White Div., Franklin Research Co., 5134
Lancaster Ave., Philadelphia 31, Pa.

WAXERS

Aeroglide Corp., 510 Glenwood Ave., Raleigh,
N.C.
Florida Div., Food Machinery & Chemical Corp.,
Lakeland, Fla.
Lobee Pump & Mch. Co., Gasport, N.Y.
Lockwood Grader Corp., Gering, Nebr.
Tew Mfg. Corp. (Trescott & Market Maker), Fair-
port, N.Y.
Trescott Co., Fairport, N.Y.
Tri-Pak Machinery Service, Inc., Harlingen, Texas.

You can market a
BETTER PACK
with LOBEE equipment

—because every unit is designed to do its
work better (ask owners how they do).



For gentlest
sizing of

tomatoes, cucumbers, peppers, you can
handle prime produce with Lobee Sizers.
No chain tension to pinch. Change sizes
in 2 minutes. A complete line, for growers
and commercial packers.



Speed up
packing—

—save labor and increase profits with Lobee
Return-Flow Belts that are instantly adjust-
able to make more working space for the
sizes that are running heavy.



WAX for
EYE APPEAL

—and faster sales— better looking produce
that lasts longer in prime condition. These
Lobee machines do a beautiful Washing,
Water Eliminating, and Waxing job.

BETTER BUILT for efficient service—
to the highest standard of dependability,
with welded steel frames, top grade belting,
brushes, rolls, etc. Write for Circular.

LOBEE PUMP & MACHINERY CO.
WORKS AVENUE, GASPORT, NEW YORK
SINCE 1899 -- NOTED FOR QUALITY EQUIPMENT

LOBEE

PACKING
HOUSE
EQUIPMENT

Boggs World Standard
on Onion and Potato
GRADERS
IS NOW MANUFACTURING
THE COMPLETE LINE OF
KING-WYSE GRADERS

POTATO GRADER ELEVATORS, PICKING TABLES and AUTOMATIC WEIGHERS

BOGGS
HAS OVER
42,000
GRADING
MACHINES
ALONE IN
SERVICE
HERE AND
ABROAD

The Boggs Complete Line

Packing Tables
Bin Loaders
Seed Treaters
Conveyors
Truck Loaders
Potato De Sprouters

Potato & Onion
Brushers
Sweet Potato
Brushers
Automatic Weighers
15# Packers

as well as
Potato & Onion Graders from 100 to 800 bu.
per hour capacity from \$125.00 up. Special
purpose machinery for handling all types of
produce.

BOGGS
DOES
IT
BETTER

BOGGS MANUFACTURING CORP.

15 MAIN STREET, ATLANTA, N.Y.
DETROIT LAKES, MINN.

KE 4-3111
VI 7-5450

VEGETABLE PROCESSING

CANNING, PRESERVING

EXTRACTORS

Chisholm-Ryder Co., Inc., Niagara Falls, N. Y.
Enterprise Mfg. Co., 3rd & Dauphin Ave., Philadelphia 33, Pa.
Florida Div., Food Machinery & Chemical Corp., Lakeland, Fla.
Food Machinery & Chemical Corp., Canning Machinery Div., San Jose, Calif.
L. O. Koven & Bro., Inc., 154 Ogden Ave., Jersey City, N. J.
F. H. Langenkamp Co., 229 E. South St., Indianapolis 25, Ind.
New Standard Corp., Mt. Joy, Pa.
Sweden Freezer Mfg. Co., 3401 17th Ave., W., Seattle 99, Wash.
Thomas-Albright Co., Goshen, Ind.
W. R. Laboratories, 639 E. Lockford St., Lodi, Calif.

GLASS CONTAINERS

Armstrong Cork Co., Lancaster, Pa.
Ball Brothers Co., Muncie, Ind.
Hazel-Atlas Glass Co., Wheeling, W. Va.
Owens-Illinois Glass Co., Ohio Bldg., Toledo 1, Ohio

HULLER, GREEN PEA AND LIMA BEAN

Chisholm-Ryder Co., Inc., Niagara Falls, N. Y.
Dixie Canner Co., Athens, Ga.
A. K. Robins & Co., Inc., 1713 E. Lombard St., Baltimore, Md.
Scott Viner Co., 1224 Kinnear Rd., Columbus 8, Ohio
Sinclair-Scott Co., 6245 State Road, Philadelphia 35, Pa.

SLICERS

Boutell Mfg. Co., 558 Lyell Ave., Rochester 6, N. Y.
Chisholm-Ryder Co., Inc., Niagara Falls, N. Y.
Enterprise Mfg. Co., 3rd & Dauphin Ave., Philadelphia 33, Pa.



WAYLAND
Graders for

APPLES — PEACHES — PEARS — TOMATOES

New Owners

Same Management

Same Service

Baggers

Bushel Box Dumpers

Bulk Box Dumpers

Wayland Sizers are unequalled for accuracy, gentle handling and flexibility. Our sizers adjust easily and quickly for all type packs and sizes. All Wayland equipment is of steel construction using self-aligning oilite and ball bearings, neoprene sponge rubber ejector wheels and neoprene sponge rubber sorting rolls. Wayland equipment is built to meet your requirements regardless of capacity, number of sizes required or shape of your packing house. Let "Wayland" engineer your packing line.

WAYLAND MACHINERY COMPANY, INC.
Covesville, Virginia

Food Machinery & Chemical Corp., Canning Machinery Div., San Jose, Calif.; Hoopes, Ill.
Goodell Co., Antrim, N. H.
F. B. Pease Co., 1344 E. Henrietta Rd., Rochester, N. Y.
Urschel Laboratories, Inc., Valparaiso, Ind.

SORTING & TRIMMING TABLES

Chisholm-Ryder Co., Inc., Niagara Falls, N. Y.
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.

STEAM CLEANERS

Siebring Mfg. Co., George, Iowa

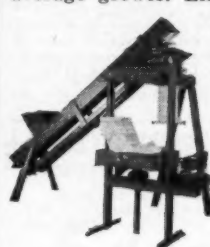
TANKS—WOOD

Arrow Tank Co., 16 Barnett St., Buffalo 15, N. Y.
Hauser-Stander Tank Co., Spring Grove Ave., Cincinnati 32, Ohio
Thomas-Albright Co., Goshen, Ind.

HYDRAULIC JUICE PRESSES

For the Large & Small Grower

New small hydraulic press for the average grower. Electrically operated, designed like all



T-A presses to give long, trouble-free service and maximum profits. Made of the finest materials available. Capacity 3 to 5 bushels. Convert your off-grade apples into extra profit this year with the new 1-F Thomas-Albright press.

its this year with the new 1-F Thomas-Albright press.

FULL LINE OF PRESSES

Complete processing supplies

All types of filter cloths—grinders—grinder knives—pumps—taps—bung—bung cloths—valves—cylinder packings—gauges—oil—reservoirs—hydraulic power units—hydraulic accessories—hydraulics built to specification.

Write or call us

Goshen Thomas-Albright Co.
Processing Equipment
Goshen, Indiana
Tel.—3-1785

BOOKS

- **Vegetable Production and Marketing**, by Paul Work and John Carew. This practical book covers culture, harvesting, storage, and marketing. Individual chapters cover the major crops. 537 pages. \$5.24
- **Handbook for Vegetable Growers**, by James Edward Knott. Much of the widely scattered information on vegetable growing is packed into this pocket-size handbook. A "must" for every vegetable grower. 238 pages. \$3.95
- **Vegetable Growing**, by James S. Shoemaker. How, when, and where you can profitably produce 40 different vegetables. 515 pages. \$4.50
- **The Tomato**, by Paul Work. A practical treatise on the tomato for the amateur as well as the commercial grower. 136 pages. \$2.50
- **The How-to Book on Strawberries**, by Robin Wyld. A book for the beginner in strawberries. Cartoon illustrations show how to plant, tend, and harvest strawberries. 112 pages. \$1.50
- **Practical Horticulture**, by James S. Shoemaker and B. J. E. Teskey. For the gardener or student who wants a practical and easy-to-follow reference guide to the how, what, and why of horticultural operations. 374 pages. \$4.20

Sent postpaid on receipt of check or money order.
AMERICAN VEGETABLE GROWER
Willoughby, Ohio

AMERICAN VEGETABLE GROWER

The August
TABLE GR
summer Pa
Stores Buy

Canning Ma-
ston, Ill.
Rd., Rochester,
Ind.
ills, N. Y.
Chicago 6, Ill.
o 15, N. Y.
rove Ave., Cin.

RESSES
Grower

ss for the
y operated,
med like all
presses to
e long,
ble - free
rice and
mum prof-
Made of the
materials
able. Ca-
ty 3 to 5
els. Con-
your off-
e apples
extra prof-
F Thomas-

ESSES
supplies
grinders—
—bungs—
r packings
—hydraulic
essories—
on.

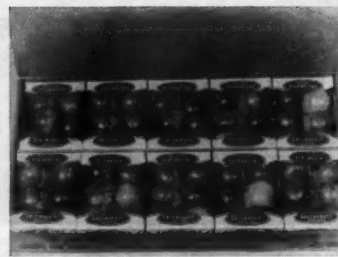
lbright Co.
Indiana
-1785

ng, by Paul
book covers
ing. Individ-
ings \$5.24
by James
thered infor-
ed into this
ry vegetable
\$3.95
Shoemaker,
bly produce
\$4.50
ical treatise
as the com-
\$2.50
Robin Wyld.
es. Cartoon
and harvest
\$1.50
Shoemaker
student who
ference and
horticultural
\$4.20
oney order.

OWER



PACKAGES AND PACKAGING



ADHESIVES

Clark Stek-O Corp., 1631 Dewey St., Rochester 13, N. Y.

CONTAINERS

BAGS, CLOTH, OPEN MESH, PAPER

Bemis Bros. Bag Co., 408 Pine St., St. Louis 2, Mo.
Chase Bag Co., 155 E. 44th St., N. Y. 17, N. Y.
Cincinnati Cordage & Paper Co., E. Wayne & Scott St., Lima, Ohio
Producer's Exchange, Inc., 20 S. Huron St., Toledo 4, Ohio
St. Regis Paper Co., 230 Park Ave., N. Y. 17, N. Y.
Union Bag & Paper Corp., Woolworth Bldg., N. Y. 7, N. Y.
West Virginia Pulp and Paper Co., Multi-Wall Bag Division, 1400 Annunciation St., New Orleans 13, La.

BAGS, POLYETHYLENE COATED PAPER

Central States Paper and Bag Co., Inc., 5221 Natural Bridge, St. Louis 15, Mo.
Crown Zellerbach, 343 Sansome St., San Francisco, Calif.
Milprint, Inc., 4200 N. Holton St., Milwaukee 1, Wis.

BAGS, TRANSPARENT

Central States Paper & Bag Co., Inc., 5221 Natural Bridge Ave., St. Louis 15, Mo.
Chase Bag Co., 155 E. 44th St., N. Y. 17, N. Y.
Cincinnati Cordage & Paper Co., E. Wayne & Scott St., Lima, Ohio
Continental Can Co., Shellmar-Betner Div., 100 E. 42nd St., N. Y. 17, N. Y.
F. D. Croce & Co., Inc., 386 Washington St., New York 13, N. Y.
Crystal Tube Corp., 6625 W. Diversey Pkwy., Chicago 11, Ill.
Dobackman Co., A Div. of The Dow Chemical Co., 3301 Monroe Ave., Cleveland 1, Ohio
Fruit & Produce Packing Co., Div. of Inland Container Corp., 700 W. Morris, Indianapolis, Ind.
Howard Plastics, Inc., Council Bluffs, Iowa
Mehl Mfg. Co., 2057 Reading, Cincinnati 2, Ohio
Milprint, Inc., 4200 N. Holton St., Milwaukee 1, Wis.
Newark Paraffine & Parch. Paper Co., 50 Jelliff Ave., Newark 8, N. J.
Oneida Paper Products, Inc., Clifton, N. J.
Pak-Rite Flexible Packaging Co., 275 Greene St., Brooklyn 22, N. Y.
Paramount Paper Products Co., Inc., 3111 W. Allegheny St., Philadelphia 30, Pa.
Pesco Bag Mfg. Co., 32 So. Huron St., Toledo 4, Ohio
Producer's Exchange, Inc., 20 S. Huron St., Toledo 4, Ohio
Rice, Trew & Rice Co., Div. of Inland Container Corp., Biglerville, Pa.
The Visking Co., Plastics Div., Terre Haute, Ind.

BARRELS

Maslow Cooperage Corp., Valley Stream, N. Y.

BASKETS, CORRUGATED, FIBERBOARD, PAPERBOARD

F. D. Croce & Co., Inc., 386 Washington, N. Y., N.Y., Modena, N.Y.
Fort Wayne Corrugated Paper Co., Fort Wayne 1, Ind.
Fruit & Produce Packing Co., 700 W. Morris, Div. of Inland Container Corp., Indianapolis 6, Ind.
Gaylord Container Corp., 111 N. 4th, St. Louis 2, Mo.
Hankins Container Co., 14801 Emery Ave., Cleveland, Ohio
The Hinde & Dauch Paper Co., Sandusky, Ohio
Keyes Fibre Co., Waterville, Me.
Kieckhefer Container Co., Camden 1, N. J.
Ohio Boxboard Co., Rittman, Ohio
Penn-Mar Container Corp., 56th St. & Paschall Ave., Philadelphia 43, Pa.
Producer's Exchange, Inc., 20 S. Huron St., Toledo 4, Ohio
Rice, Trew & Rice Co., Div. of Inland Container Corp., Biglerville, Pa.
Fred C. Strype, 20 Vesey St., N. Y., N. Y.
Wabash Fibre Box Co., Terre Haute, Ind.
Zelvy Bros. Container Co., 2005 Orange Ave., Cleveland, Ohio

The August issue of **AMERICAN VEGETABLE GROWER** will feature **Consumer Packaging and How Chain Stores Buy Vegetables.**

BASKETS, WOOD

American Veneer Package Assoc., Orlando, Fla.
Barden & Robeson Corp., Lockport, N.Y.
Berryville Basket Co., Inc., Berryville, Va.
F. D. Croce & Co., Inc., 386 Washington St., N. Y. 13, N. Y., Modena, N. Y.
Frank L. Deane & Son, Inc., Sodus, Mich.
The Marietta Fruit Pkg. & Lumber Co., Marietta, O.
Marvil Package Co., Hebron, Del.
Paducah Box & Basket Co., Paducah, Ky.
Producer's Exchange, Inc., 20 S. Huron St., Toledo 4, Ohio
Ripley Box & Basket Co., Inc., Ripley, Tenn.
Riverside Mfg. Co., Murfreesboro, N. C.
Sodus Basket Co., Sodus, N. Y.
Webster Basket Co., Webster, N. Y.
Zelvy Bros. Container Co., 2005 Orange Ave., Cleveland, Ohio

BOXES AND CRATES, CORRUGATED, FIBERBOARD, PAPERBOARD

Alford Cartons, Ridgefield Park, N. J.
Atlas Boxmakers, Inc., 5025 W. 65th, Chicago, Ill.
Baltimore Paper Box Co., Key Highway-Jackson-Gittings-Covington & Ostend Sts., Baltimore, Md.
Bird & Son, Inc., E. Walpole, Mass.
F. D. Croce & Co., Inc., 386 Washington St., N. Y. 13, N.Y., Modena, N.Y.
Fort Wayne Corrugated Paper Co., 130 E. Douglas St., Ft. Wayne, Ind.
Fruit & Produce Packing Co., Div. of Inland Container Corp., 700 W. Morris, Indianapolis, Ind.
Robert Gair Div., Continental Can Co., 155 E. 44th St., N. Y. 17, N. Y.
Gaylord Container Corp., 111 N. 4th St., St. Louis 2, Mo.
Hankins Container Co., 14801 Emery Ave., Cleveland, Ohio
Hinde & Dauch Paper Co., Sandusky, Ohio
Iowa Fiber Box Co., Keokuk, Iowa

Marinette & Menominee Box Co., Hosmer St., Marinette, Wis.
Ohio Boxboard Co., Rittman, Ohio
Penn-Mar Container Corp., 56th St. & Paschall Ave., Philadelphia 43, Pa.
Producer's Exchange, Inc., 20 So. Huron St., Toledo 4, Ohio
Rice, Trew & Rice Co., Div. of Inland Container Corp., Biglerville, Pa.
Fred C. Strype, 20 Vesey St., N. Y., N. Y.
Traub Box Co., 1230 E. 55th St., Cleveland, Ohio
Union Bag & Paper Corp., Woolworth Bldg., N. Y. 17, N. Y.
Wabash Fibre Box Co., Terre Haute, Ind.
Zelvy Bros. Container Co., 2005 Orange Ave., Cleveland, Ohio

Please consult Alphabetical Index on pages 15 and 16

BOXES AND CRATES, WIREBOUND

Continental Box Co., Inc., Houston 1, Texas
F. D. Croce & Co., Inc., 386 Washington St., N. Y. 13, N.Y., Modena, N.Y.
General Box Co., 1825 Miner, Des Plaines, Ill.
Main Brothers Box and Lumber Co., Karnak, Ill.
Marinette & Menominee Box Co., Marinette, Wis.
Producer's Exchange, Inc., 20-32 So. Huron St., Toledo, Ohio
Wirebound Box Mfg. Assn., 222 W. Adams St., Chicago 6, Ill.
Wisconsin Box Co., Wausau, Wis.
Zelvy Bros. Container Co., 2005 Orange Ave., Cleveland, Ohio

Increase Sales
with baskets that
give your produce

Eye-Catching Appearance
Instant Brand Identification
More Protection



Available in 2, 4, 8, 12 and 16 quart sizes.

Planned Packaging gives you produce baskets with fast, easy set-up, wood or wire handles, solid or ventilated sides. Shipped flat, they save storage space. Double-wall construction gives greater produce protection . . . ample stacking strength.

Attractive, 2-color design increases customer appeal . . . builds brand preference. Special private brand designs and colored board available at slight extra cost.

For free samples write to attention of Produce Sales Division.

Planned Packaging moves produce



The Ohio Boxboard Company

Rittman, Ohio

Containers
Cartons
Paperboard

PLANTS

The Ohio Boxboard Company, Rittman, Ohio
The Ohio Boxboard Co., Inc., Pittsburgh, Pa.
Western Containers, Inc., Lockport, N. Y.

Fairbanks Containers, Inc., Middletown, Ohio
Champion Containers, Inc., Plymouth, Michigan
The Ohio Boxboard Company, Cuyahoga Falls, O.

The Ohio Boxboard Company, Youngstown, Ohio

OPPORTUNITY ADS

Only 25c a word for one-time insertion
20c a word for two-time insertion; 15c a
word for four-time insertion—CASH WITH
ORDER. Count each initial and whole num-
ber as one word. Copy must be in 15th of
second month preceding date of issue.
ADDRESS AMERICAN VEGETABLE
GROWER Willoughby, Ohio.

AGENTS WANTED

RUN A SPARE-TIME GREETING CARD
and gift shop at home. Show friends samples of
our new 1959 Christmas and All Occasion Greet-
ing cards and gifts. Take their orders and earn
to 100% profit. No experience necessary. Costs
nothing to try. Write today for samples on ap-
proval. REGAL GREETINGS, Dept. 14, Fer-
dale, Michigan.

BOOKS

**BERRY BOOK: "THIRTY YEARS OF BER-
RIES."** Raspberries and strawberries. 84 pages,
price \$1.00 Ppaid. ROY TURNER, 1525 S.
Livingston St., Peoria, Ill.

THE HOW-TO BOOK ON STRAWBERRIES.
The layman's primer, the professional's reference
and everyone's factual guide to more and better
strawberries. \$1.50. AMERICAN VEGETABLE
GROWER, Box 107, Willoughby, Ohio.

**DRUG MEDICINES DISAPPOINT, DISIL-
LUSION.** Why defeat nature's spontaneous re-
covery efforts? New 25¢ book, MEDICINES OF
NATURE describes seven universal curatives
freely available everywhere. M-PRESS, Coalmont
143, Tennessee.

POTATO GROWERS—RECENTLY PUBLISHED
1959 American Potato Yearbook. Cramped
with important facts. Send \$2.00. Complete vol-
ume 1950-1959, \$12.00. AMERICAN POTATO
YEARBOOK, Box 540-A, Westfield, New Jersey.

TOMATO GROWERS—JUST PUBLISHED
1959 American Tomato Yearbook. Cramped
with important facts. Send \$2.00. Complete volume
1951-1959, \$12.00. AMERICAN TOMATO
YEARBOOK, Box 540-A, Westfield, New Jersey.

BRUSH & WEED KILLERS

KILL SUBMERSED WATER WEEDS
which foul up motor propellers, tangle fishing gear
and choke irrigation ditches with R-H Granular
Weed Rhap. Inexpensive, easy to use, sure re-
sults. For details write REASOR-HILL COR-
PORATION, Box 36AV, Jacksonville, Arkansas.

KILL BRUSH AT LOW COST WITH AMAZING
R-H Brush Rhap. Will not injure grasses,
grains, cattle or other animals. See your dealer or
write REASOR-HILL CORPORATION, Box
36AV, Jacksonville, Arkansas.

KILL BITTERWEEDS, WILD ONIONS AND
dog fennel with R-H Weed Rhap at low cost. Will
not injure grasses, grains, cattle or other animals.
Call your dealer or write REASOR-HILL COR-
PORATION, Box 36AV, Jacksonville, Arkansas.

BUSINESS OPPORTUNITIES

EARN MONEY AT HOME RAISING FISH-
worms for us! We buy your crop! Inquire: OAK-
HAVEN-25, Cedar Hill, Texas.

EARN CASH FROM STRAWBERRY SALES!
Get our How-To Book on Strawberries that gives
common sense treatment of the must and must-not
in strawberry culture. Fully illustrated. \$1.50.
AMERICAN VEGETABLE GROWER, Box
107, Willoughby, Ohio.

DWARF APPLE TREES

WELL BRANCHED YELLOW DELICIOUS
and Double Red Delicious on genuine East Mal-
ling No. IX. Rootstocks strong 2-year trees. Rea-
sonable Prices. SEVEN DWARF NURSERY,
Box 201, Medford, Ore.

DWARF APPLE UNDERSTOCKS

BUY OUR QUALITY UNDERSTOCKS.
Graft them yourself and save over one half.
Special discounts for quantity lots. SEVEN
DWARFS NURSERY, Box 201, Medford, Ore.

FOR SALE—EQUIPMENT & SUPPLIES

GREENHOUSE BARGAIN—I HAVE A
brand new 5 KW generator equipped with four
cylinder air-cooled engine, transfer switch, charger,
starting battery and 55 gallon fuel tank, single
phase. This is an ideal unit to insure greenhouse
heating and ventilating during times when cur-
rent is interrupted or as a standby system for your
storage house, vacation camp or to run electrical
equipment where current is not available. The
standby system will develop 110 and 220 alter-
nating current. Cost over \$1,300.00. I'll sell it for
\$900.00. Still in original crate, it can be shipped

immediately. Write EDWARD MEISTER, JR.,
American Fruit Grower Publishing Co., Willough-
by, Ohio.

SENSATIONAL GARDEN TRACTOR. HOES
between plants and rows, including strawberries.
Eliminates hand hoeing. Standard in size, yet en-
tirely different. Patent 2742840. Also tills. Fan-
tastic offer to first few inquiries. AUTO HOE,
DePere 8, Wisconsin.

WOOD LETTERS FOR ATTRACTIVE SIGNS.
They last for years. Increase business and save
money. NORTHLAND PRODUCTS, Route
22282, Rockland 25, Maine.

NEW AND USED WASHERS, WAXERS,
sizers, grower and commercial sizes. Successful
new design metal roller MULTISIZOR for sweet
potatoes, cukes, vegetables and fruits. C. STAN-
LEY SHORT, Cheswood, Delaware.

28 SPEED SPRAYER, 36 SPEED SPRAYER
Bean 35 PTO sprayer, Bean 35-T, Bean 14-MT.
500 gal Myers PTO, Bean Royal 50 and 35 pumps.
New-used. Bomber tires & tubes. Bargains. 70,000
new crates. Small grader. CORY ORCHARDS,
Cory, Ind.

NEW AND USED ICE CRUSHER SLINGERS
bought and sold. Tell us your needs. Your com-
plete source on ice equipment and supplies. Write
for free catalog. INDEX COUPON AND SUP-
PLY COMPANY, 612 Indiana Avenue, La Porte,
Ind.

INVENTIONS WANTED

ARE YOU INTERESTED IN OFFERS FROM
reliable manufacturers for your invention? Pa-
tented, unpatented. HARVEY ASSOCIATES,
Dept. 8A, Cambridge, Maryland.

MISCELLANEOUS

FOURMONE COMPOST ACTIVATOR TURNS
garden wastes, manures, sawdust, etc., into com-
post. Easy and safe to use. 3 oz. trial can \$1.00
(treats approximately 6 tons garden wastes) ¼
lb. \$2.25, 1 lb. \$3.95 postpaid. Lower prices for
quantities. Free literature from FOREIGN
PRODUCTS CORP., 21 Washington St., West
Orange, N.J.

BANANA PLANT, GROWS ANYWHERE—
Indoors, outdoors. \$1.50. Postpaid. SOPHIA
SULEN, Ladylake, Fla.

FOR HIRE: MEXICAN VEGETABLE, FRUIT
farm or ranch workers, with American experi-
ence; \$100 monthly, board, year around. "CO-
RONA", 516-17 Morelos, Guadalajara 7, Mexico.

SAVE LABOR COSTS—GET BETTER RE-
sults with Letherman's Chemical Weed Killers
for Ponds—For Non-Crop Land Areas—For Use
in Farm Crops—Vegetables—Orchards. Write
your problem to LETHERMAN'S, Box VG, Can-
ton 2, Ohio.

OF INTEREST TO WOMEN

LEARN PROFESSIONAL CAKE DECORAT-
ing. Details free. DECO-SECRETS, Venice 33,
Calif.

SEW APRONS AT HOME FOR STORES.
No charge for material to fill orders. In our fifth
successful year. Write: ADCO MFG. CO., Bas-
trop 8, Louisiana.

PLANTS AND NURSERY STOCK

5 POUNDS SWEET CORN \$1.70, 200 HARDY
plants \$1.90. BETTER GARDENS, Export, Pa.

MICHIGAN CELERY PLANTS. GOLDEN
Self Blanching per 1,000 \$5.00, per 10,000 \$40.00.
MONARCH PLANT FARMS, P. O. Box 826,
Kalamazoo 99, Michigan.

RABBITS

EXTRA DOLLARS RAISING ANGORA AND
New Zealand white rabbits. Ready market for
your production. Free details. Martin's Rabbitry,
Morganfield, Kentucky.

ROTARY TILLERS—SALES, SERVICE

SWISS SIMAR TILLER—SALES, SERVICE,
parts. GORMSEN'S, Strongsville, Ohio. Center
8-6495.

WANTED TO BUY

A GOOD USED ONION COMBINE OR HAR-
vester. PETER VERKAIK, Bradford, Ontario.
Phone Prospect 5-2052.

SAWDUST MAKES GOOD FERTILIZER

You can apply 15 tons of sawdust per acre to build
rich top-soil rapidly, and greatly increase nitrogen
level, if you use the ActivO process. Cheaper, more
permanent, and better soil condition than with chem-
ical fertilizer. No compost-heap making. Apply now;
anytime. Rush postcard for free bulletin, "How to
Turn Waste into Gold."

THE ACTIVE PROCESS, Bridgeton 49, Ind.

Do YOUR Friends a Good Turn . . . FREE!

You like to do your friends in the
vegetable business a "Good Turn".
So just fill in the names and ad-
dresses of some of your vegetable
growing friends in the space below—
and we will gladly mail them FREE
a copy of AMERICAN VEGETA-
BLE GROWER with your compli-
ments. Absolutely no obligation,
absolutely no charge to them or to
you.

AMERICAN VEGETABLE GROWER

Willoughby, Ohio

Yes—I agree it's nice to do "good
turns" to friends. So please mail a free
copy of AMERICAN VEGETABLE
GROWER with my compliments to the
persons listed below.

If possible send the July, 1959 issue

To.....

Address.....

City.....Z.....State.....

• • •

To.....

Address.....

City.....Z.....State.....

• • •

To.....

Address.....

City.....Z.....State.....

• • •

To.....

Address.....

City.....Z.....State.....

• • •

To.....

Address.....

City.....Z.....State.....

• • •

To.....

Address.....

City.....Z.....State.....

Sender.....

Address.....

AVG-7

AMERICAN VEGETABLE GROWER

PA
BOXES AND CR
American Veneer
Atlas Boxmakers,
Berryville Basket
Chaffee Brothers
F. D. Croce & C
13, N.Y., Mod
General Box Co.
Kenova Box Co.
Marinette & Men
Mell Lumber Co.
Miller Mfg. Co.
National Wood
ington, D.C.
New England Box
Producer's Excha
4, Ohio
Smeed Box Co.
Sodus Basket Co.
Traub Box Co., I
The Wooden Box
San Francisco 5
Zelvy Bros. Cont
land, Ohio
CARTONS, CON
F. D. Croce & C
York 13, N. Y.
Fruit & Produce
tainer Corp.
Robert Gair Div
St. N. Y. 17, N
Gaylord Contain
Mo.
The Hinde & Dau
Ohio Boxboard C
Penn-Mar Contai
Philadelphia 4
Prepackaged Sale
Producer's Excha
4, Ohio
Rice, Tre & Rice
Biglerville, Pa.
Webash Fibre Bo
MOLDED PULP
Formart Contain
Keyes Fibre Co.,
Please
o
L
Bartlett Label C
Brandau-Craig-G
ville, Tenn.
Cincinnati Cord
F. D. Croce & C
York 13, N. Y.
Dennison Mfg. C
Florist Products,
Fruit & Produce
tainer Corp.,
Ind.
A. Kimball Co.
Lamboy Label
J. L. May Co.,
Milprint, Inc., 4
A. E. Morse Co.
Penn-Mar Contai
Philadelphia 4
Producer's Excha
4, Ohio
Reynolds Metals
Rice, Tre & R
Corp., Bigler
Schmidt Lithog
San Francisco
Stetcher-Traung
Francisco, Ca
Tompkins' Labe
adelphia 34,
Yoho & Hooker
Ohio
COL
W
W
PH
BRA
NASHV
JULY, 1959

PACKAGING & PACKAGES

BOXES AND CRATES, WOOD

American Veneer Package Asso. Inc., Orlando, Fla.
Atlas Boxmakers, Inc., 5025 W. 65 St., Chicago, Ill.
Berryville Basket Co., Inc., Berryville, Va.
Chaffee Brothers Co., Main St., Oxford, Mass.
F. D. Croce & Co., Inc., 386 Washington St., N. Y. 13, N.Y., Modena, N.Y.
General Box Co., 1825 Miner, Des Plaines, Ill.
Kenova Box Co., Kenova, W. Va.
Marinette & Menominee Box Co., Marinette, Wis.
Mell Lumber Co., Box 127, Lansdown, Pa.
Miller Mfg. Co., 7th & Stockton Sts., Richmond, Va.
National Wooden Box Assn., 402 Barr Bldg., Washington, D.C.
New England Box Co., 258 Butler St., Brooklyn, N. Y.
Producer's Exchange, Inc., 20 So. Huron St., Toledo 4, Ohio
Smead Box Co., 1878 Scranton Rd., Cleveland, Ohio
Sodas Basket Co., Sodas, N. Y.
Traub Box Co., 1230 E. 55th St., Cleveland, Ohio
The Wooden Box Institute, 55 New Montgomery St., San Francisco 5, Calif.
Zelvy Bros. Container Co., 2005 Orange Ave., Cleveland, Ohio

CARTONS, CONSUMER

F. D. Croce & Co., Inc., 386 Washington St., New York 13, N. Y.
Fruit & Produce Packing Co., Div. of Inland Container Corp., 700 W. Morris, Indianapolis, Ind.
Robert Gair Div., Continental Can Co., 155 E. 44th St., N. Y. 17, N. Y.
Gaylord Container Corp., 111 N. 4th St., St. Louis, Mo.
The Hinde & Dauch Paper Co., Sandusky, Ohio
Ohio Boxboard Co., Rittman, Ohio
Penn-Mar Container Corp., 56th St. & Paschall Ave., Philadelphia 43, Pa.
Prepackage Sales Corp., Rock Island, Ill.
Producer's Exchange, Inc., 20 S. Huron St., Toledo 4, Ohio
Rice, Tre & Rice Co., Div. of Inland Container Corp., Biglerville, Pa.
Wabash Fibre Box Co., Terre Haute, Ind.

MOLDED PULP FIBRE CONTAINERS

Formart Containers, Inc., Cedarburg, Wis.
Keyes Fibre Co., Waterville, Me.

Please refer to classified index on pages 15 and 16.

LABELS AND TAGS

Bartlett Label Co., Kalamazoo, Mich.
Brandau-Craig-Dickerson Co., 304 Tenth Ave., Nashville, Tenn.
Cincinnati Cordage & Paper Co., Lima, Ohio
F. D. Croce & Co., Inc., 386 Washington St., New York 13, N. Y.
Dennison Mfg. Co., Framingham, Mass.
Florist Products, 1843 Oakton, Des Plaines, Ill.
Fruit & Produce Packing Co., Div. of Inland Container Corp., 700 West Morris St., Indianapolis 6, Ind.
A. Kimball Co., Rewe St., Brooklyn 11, N. Y.
Lambooy Label & Wrapper Co., Kalamazoo, Mich.
J. L. May Co., 121 W. 19th St., N. Y. 11, N. Y.
Milprint, Inc., 4200 N. Holton St., Milwaukee 1, Wis.
A. B. Morse Co., St. Joseph, Mich.
Penn-Mar Container Corp., 56th St. & Paschall Ave., Philadelphia 43, Pa.
Producer's Exchange, Inc., 20 So. Huron St., Toledo 4, Ohio
Reynolds Metals Co., Richmond, Va.
Rice, Tre & Rice Co., Div. of Inland Container Corp., Biglerville, Pa.
Schmidt Lithograph Co., Second and Bryant Ave., San Francisco 7, Calif.
Sletcher-Traug Lithograph Corp., 600 Battery, San Francisco, Calif.
Tompkins' Label Service, 3213 Frankford Ave., Philadelphia 34, Pa.
Yoho & Hooker, 523 Williamson Ave., Youngstown, Ohio

MARKING DEVICES

Florist Products, 1843 Oakton, Des Plaines, Ill.
Kin-E-Matic Mach.-Eng. Co., Dearborn, Mich.
Rivet-O Mfg. Co., Orange, Mass.

PREPACKAGING TRAYS

F. D. Croce & Co., Inc., 386 Washington St., New York 13, N. Y.
Keyes Fibre Co., Waterville, Me.

STAMPING INKS AND PADS

Rivet-O Mfg. Co., Orange, Mass.
Tyson Orchard Service, Flora Dale, Pa.

STAMPS, RUBBER

Producer's Exchange, Inc., 20 S. Huron St., Toledo 4, Ohio
Rivet-O Mfg. Co., Orange, Mass.
Salt Lake Stamp Works, 51 W. 3rd St., South, Salt Lake City, Utah
Tyson Orchard Service, Flora Dale, Pa.

TRAY PACKS

F. D. Croce & Co., Inc., 386 Washington St., New York 13, N. Y.
Fort Wayne Corrugated Paper Co., 130 E. Douglas St., Fort Wayne 1, Ind.
Friday Pack Co., 1412 Public Service Bldg., Portland 4, Ore.
Fruit & Produce Packing Div. of Inland Container Corp., 700 W. Morris, Indianapolis 6, Ind.
Keyes Fibre Co., Waterville, Me.
The Ohio Boxboard Co., Rittman, Ohio
Producer's Exchange, Inc., 20-32 So. Huron St., Toledo 4, Ohio
Rice, Tre & Rice Co., Div. of Inland Container Corp., Biglerville, Pa.
Traver Div., Container Corp. of America, 358 W. Ontario St., Chicago, Ill.

BOOKS

- Pesticide Handbook, by Donald E. H. Frear. 10th edition, just published. Lists trade names, active ingredients, uses, and manufacturers of spray chemicals and pesticide equipment. 216 pages.....\$1.50
- The Care and Feeding of Garden Plants, authored by 14 leading authorities. First book of its kind to acquaint the home gardener with plant hunger signs. Color plates make it easy to identify deficiency symptoms. 184 pages.....\$3.00
- Hunger Signs in Crops, authored by 19 recognized soil experts. Companion book to The Care and Feeding of Garden Plants. Color photographs will help you identify crop deficiencies. 370 pages.....\$4.50
- Destructive and Useful Insects, by Metcalf, Flint, and Metcalf. Contains descriptions and photographs of all fruit and vegetable insects. 1071 pages.....\$12.50
- Spraying, Dusting and Fumigating of Plants, by W. S. Hough and A. F. Mason. Tells how to apply insecticides, fungicides, soil fumigants, herbicides, and growth regulators. 726 pages.....\$12.50
- Plant Regulators in Agriculture, edited by H. B. Tukey. 17 specialists present the many different uses of plant regulators and tell what they are, how they operate, how plants respond. 269 pages.....\$6.50
- Principles of Weed Control, by Ahlgren, Klingman, and Wolf. Here are the interesting facts, fundamentals, and revolutionary control techniques of this new, fast-moving science. Easy to understand. 368 pages.....\$6.00

Sent postpaid on receipt of check or money order.

AMERICAN VEGETABLE GROWER
Willoughby, Ohio



COMPLETE PACKAGING MATERIALS FOR FRUIT AND PRODUCE GROWERS AND PACKERS



Apple Boxes • Tomato Cartons • Gift Boxes • Friday Packs • Peach Containers • Shredded Oiled Tissue • Grape Baskets • Tomato Baskets • Banana Cartons • Berry Crates • Roadside Stand Baskets • Crate Liners • Ring Pack Equipment • Box Cushions • Box Liners • Shredded Cellophane • Consumer Tray Packages • Chip Box Liners • Box Caps • Basket Cushions • Polyethylene Bags • Basket Caps • Corrugated Vegetable Packages • Basket Liners • Fruit Wraps • Wenatchee Fruit Picking Bags • Apple & Tomato Wraps



Write for Samples and Prices
DEALERS AND WAREHOUSES IN ALL FRUIT GROWING SECTIONS

FP FRUIT & PRODUCE PACKING COMPANY
INDIANAPOLIS, INDIANA

RTR RICE, TREW & RICE CO.
BIGLERVILLE, PENN. • ORLANDO, FLA.

DIVISIONS OF
INLAND CONTAINER CORPORATION

Prompt Shipment from
WAREHOUSES: Ft. Valley, Ga. • Albion, N. Y. • Waco, Texas • Hartford, Mich. • Nampa, Idaho • Cobden, Ill. • St. Louis, Mo. • Pharr, Texas • San Benito, Texas
PLANTS: Indianapolis, Ind. • Middletown, Ohio • Winchester, Va. • Milwaukee, Wis. • Evansville, Ind. • Detroit, Mich. • Macon, Ga. • Erie, Pa. • Ashtabula, Ohio • Orlando, Fla. • Rome, Ga. • Biglerville, Pa. • Dallas, Tex. • Chicago, Ill. • Louisville, Ky.

COLORFUL LABELS THAT SELL

WRITE
WIRE
OR
PHONE

CANS
HAMPER • CRATES
AND
ALL CONTAINERS

BRANDAU CRAIG DICKERSON CO.
NASHVILLE 3, TENN. 304 10TH AVE. SO. PHONE ALPINE 6-4151

FOR OUR READERS

Because Roadside Stand Sales are becoming more important and profitable, we thought we could help you by making Roadside Stand Signs available at the lowest cost.

The signs are printed on waterproof, heavy, board—22" x 28", in two colors. One color is Orange Day Glow which shines in the daytime. The sign has a dark green background. It is eye catching and appealing. Here is what it looks like—

STOP
"BUY THE BEST"
FARM FRESH
PRODUCE

In addition, individual fruit and vegetable strips, which can be attached to the big sign, are available. These strips are 28" long x 5" wide. Here is what they look like—

SWEET CORN

PEACHES

The price for the Big Two Color sign is \$3.00 apiece, or two signs for \$5.00. The strips are 50c apiece or 10 for \$3.50.

Send Your Order To—

Roadside Stand Sign Dept.
AMERICAN FRUIT GROWER
PUBLISHING COMPANY

Willoughby, Ohio

INDEX TO ADVERTISERS

JULY, 1959

Allen, S. L. & Co.	27	Lawrence, B. M. Co.	29
Alliance Rubber Co.	53	Letherman Seed Co.	20 & 47
Alvis Chalmers Mfg. Co., Tractor Div.	13	Lift Tool, Inc.	54
American Cyanamid Co.	41	Lobee Pump & Machinery Co.	57
American Optical Co.	35	Lockwood Graders, Inc.	53
American Seedless Watermelon Seed Corp.	22	Lord & Burnham, Div. of Burnham Corp.	17
Ariens Co.	26	Mechanical Transplanter Co.	29
Associated Seed Growers, Inc.	64	Metzgar Conveyor Co.	56
Ball, Geo. J., Inc.	18 & 30	Michigan Orchard Supply Co.	56
Bean, John, Div. Food Machinery & Chemical Corp.	6	Monsanto Chemical Co.	46 & 47
Benson Maclean Plant Products.	29 & 60	Myers, F. E. & Bro. Co.	34
Beuler Corp.	33	National Rain Bird Sales & Eng.	31
Boggs Mfg. Company.	57	New Idea Farm Equipment Co.	54
Bountiful Ridge Nurseries.	19	Niagara Chemical Div., Food Machinery & Chemical Corp.	39
Brandau-Craig-Dickerson Co.	61	Ohio Boxboard Co.	59
Buckner Mfg. Co.	31	Phelps Dodge Refining Corp.	44
Buddingh Inrow Weeder Co.	26	Placo	18 & 45
Burgess Seed & Plant Co.	19	Powell Mfg. Co.	28
Burley Burner Co., Inc.	17	Rear's Farm Service.	24 & 33
California Spray-Chemical Co.	14	Red Wing Celery Harvester Co.	52
H. D. Campbell Co.	44	Reed-Joseph Co.	29
Case Co., J. I.	11	Robson Quality Seeds, Inc.	22
Chipman Chemical Co., Inc.	48	Rohm & Haas Co.	5 & 42
Clover Chemical Co.	44	Rough Bros.	18
Container Corp. of America	3	Scott Viner Co., The.	53
Dao Corp.	29	Seed Research Specialists	4, 10 & 12
Dessert Seed Company, Inc.	20	Shell Chemical Co.	63
Dolphin Machine Works	52	Skibbe Mfg. Co.	26
Edwards Laboratory, The	45	Smith Co., X. S., Div. of American Associated Companies.	18
Ellis, D. R., Mfg. Co.	28	Sprayer Supply Mfg. Co.	33
Ferro Corporation	45	Standard Conveyor Co.	56
Ferry-Morse Seed Co.	21	Sunflower Industries	24
Firestone Tire & Rubber Co.	2	Tennessee Corp.	40
Flex-O-Glass (Warp Bros.)	28	Tew Mfg. Co.	55
Florists' & Gardeners' Insurance Assoc.	17	Thomas-Albright Co.	58
Fruit & Produce Packing Co., Rice Trew & Rice Co., Division of Inland Container Corp.	61	Toledo Fireworks Co.	29
Geigy Agricultural Chemicals	36	Trox Mfg. Co.	17
Grace Chemical Co.	43	Troyer Mfg. Co.	55
Guardian Chemical Corp., Industrial Div.	48	Union Carbide Chemicals Co., Div. of Union Carbide Corp.	50
Harbison-Paine, Inc.	27	United States Steel Corp.	32
Harris, Joseph Co., Inc.	19	Vandermolen Export Co.	33
Harshaw Chemical Co.	45	Vaughan Seed Co.	20 & 29
Holland Transplanter Co.	28	Wayland Machinery Co.	58
Holmes Seed Co., The	19	Winpower Mfg. Co.	23
International Harvester Co., Farm Equipment Div.	25	Wisconsin Motor Corp.	24
Kirbro, Inc.	23	Yoho & Hooker	18

This season get top vegetable yields!



**knock out loopers
and cabbageworms**

WITH

endrin



This season, stay on top of foliage insect control with modern endrin insecticide. Endrin knocks out loopers, cabbageworms, diamond-back moth larvae and other caterpillars.

Endrin is long-lasting. Many days after application you can count on effective control. And it works fast—destroys foliage insects within hours after application.

Endrin is available as a dust or emulsible concentrate. Choose the formulation that best suits your needs. No matter how you use it, endrin gives you dependable protection.

Stay on top of foliage insect control this season. Use endrin. Endrin is available under well-known brand names from your insecticide dealer. Order your supply today.

SHELL CHEMICAL CORPORATION

AGRICULTURAL CHEMICALS DIVISION
460 Park Avenue, New York 22, New York



a nation-wide success story



VIGORPAK[®] SEED

PERFORMANCE IS THE SECRET

Time and again, when the chips are down, Asgrow Vigorpak Seed proves superior to ordinary seed. During the critical germination and seedling stages, VIGORPAK seed stands up to adverse weather and soil conditions that often knock out ordinary seeds.

There is a good reason for this superior performance. ASGROW VIGORPAK SEED is not just ordinary seed in a tin can. The seed itself is tested for high initial vigor. Next it is specially processed under a method

Next time order **ASGROW VIGORPAK SEED.**

developed by Asgrow Research. Then it is packed in airtight containers.

The **ASGROW VIGORPAK** process protects the seed against loss in germination and preserves its high initial vigor for months and even years longer than ordinary seed stored under temperature and humidity conditions prevailing in most areas.

Are you taking advantage of this important advance in seed technology?

Broccoli
Brussels Sprouts
Cabbage

Cauliflower
Celery
Cucumber

Egg Plant
Onion
Parsley

Pepper
Tomato
Watermelon

ASSOCIATED SEED GROWERS, INC.

Main Office: New Haven 2, Conn.

Atlanta 2, Ga. • Exmore, Va. • Florida, N.Y. • Indianapolis 25 • El Centro • Patterson, Calif.
Milford, Conn. • Oakland 4 • Phoenix • Salinas • Vineland, N.J. • Elizabeth City, N.C. • Charleston, S.C.

Texas Distributor: ASGROW TEXAS CO., San Antonio, Crystal City, Robstown, Weslaco, Hereford

International Division: THE ASGROW EXPORT CORP., Milford, Conn., U.S.A.